

### **The role of symmetry in the aesthetics of residential building façades using cognitive science methods**

Symmetry is an important visual feature for humans and its application in architecture is completely evident. This paper aims to investigate the role of symmetry in the aesthetics judgment of residential building façades and study the pattern of eye movement based on the expertise of subjects in architecture. In order to implement this in the present paper, we have created images in two categories: symmetrical and asymmetrical façade images. The experiment design allows us to investigate the preference of subjects and their reaction time to decide about presented images as well as record their eye movements. It was inferred that the aesthetic experience of a building façade is influenced by the expertise of the subjects. There is a significant difference between experts and non-experts in all conditions, and symmetrical façades are in line with the taste of non-expert subjects. Moreover, the patterns of fixational eye movements indicate that the horizontal or vertical symmetry (mirror symmetry) has a profound influence on the observer's attention, but there is a difference in the points watched and their fixation duration. Thus, although symmetry may attract the same attention during eye movements on façade images, it does not necessarily lead to the same preference between the expert and non-expert groups.

#### **General information**

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Organisations: Computing Sciences, Research group: Predictive Society and Data Analytics (PSDA), Research group: Computational Medicine and Statistical Learning Laboratory (CMSL), Shahid Rajaei Teacher Training University, Swiss Distance University of Applied Sciences

Contributors: Azemati, H., Jam, F., Ghorbani, M., Dehmer, M., Ebrahimpour, R., Ghanbaran, A., Emmert-Streib, F.

Number of pages: 15

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ASJC Scopus subject areas: Computer Science (miscellaneous), Chemistry (miscellaneous), Mathematics(all), Physics and Astronomy (miscellaneous)

Keywords: Aesthetics, Expertise, Eye tracking, Façade, Symmetry

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Research output: Contribution to journal > Article > Scientific > peer-review

### **Existing Apartment Buildings as a Spatial Reserve for Assisted Living**

Purpose

Ageing populations induce needs to adapt existing housing. With ageing, the number of frail old people, who require assistance in daily life, is also increased. Converting existing housing into assisted living enables them to remain in their community while receiving necessary support and care. The purpose is to investigate whether post-war mass housing is spatially appropriate for adaptation into group homes for older people.

Design/methodology/approach

The research material is attained from Finland. Spatial requirements for group homes are drawn from 130 units built or renovated during 2000–2015. Spatial characteristics of mass housing are mapped from 105 apartment buildings built in the 1970s. The latter are matched with the former by comparing the connectivity of layouts, sizes of units and the numbers and sizes of individual spaces.

Findings

Group homes typically utilize a linear layout, which can easily be created in apartment buildings. Individual spaces of a group home fit apartment buildings effortlessly. Whole group home units mostly prove to be spatially feasible but result in looser dimensioning than is typical in existing units. The mass housing stock can be considered a spatial reserve for adaptation into group homes.

Originality/value

This is the first study to employ a large-scale, multi-case spatial mapping approach to analyse the adaptability properties

of mass housing into assisted living. The findings pertain primarily to the Finnish context, but a methodology is presented which can be applied to other countries and also to other spatial functions.

#### **General information**

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MoE publication type: A1 Journal article-refereed

Organisations: Architecture, Research group: ASUTUT, Research group: Built Environment in Transition

Contributors: Kaasalainen, T., Huuhka, S.

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Publication date: 25 May 2020

Peer-reviewed: Yes

#### **Publication information**

Journal: International Journal of Building Pathology and Adaptation

ISSN (Print): 2398-4708

Original language: English

Keywords: repurposing, adaptability, adaptive reuse, mass housing, population ageing

Electronic versions:

Kaasalainen&Huuhka2020

DOIs:

10.1108/IJBPA-02-2020-0015

URLs:

<http://urn.fi/URN:NBN:fi:tuni-202007026303>

Research output: Contribution to journal › Article › Scientific › peer-review

#### **Pattern recognition and transformational growth adjustments alongside ring roads: Descriptive mapping from four case studies**

This paper aims to examine the existing patterns of ring roads in four diverse cities—Greater Amman in Jordan, Kuwait City in Kuwait, Oslo in Norway, and Greater Helsinki in Finland—to explore how these patterns respond to growth and elucidate the contemporary urban practices of these cities. Spatial mapping was used to measure density, mixed land use, and accessibility and identify growth characteristics parallel to the tracing processes of spatial insertion, replacement, and use change. The results illustrate that in master plans, the areas alongside ring roads were delineated either too vaguely or too prescriptively. The existing patterns of road and land use, particularly high residential concentrations, challenge the functionality of ring roads and negatively affects urban spatial qualities and services that should accompany the high-density study areas. Cumulatively, they have formed spatial non-homogeneities that challenge accessibility and dependency factors. In addition, the growth indicators represent urbanisation processes, generative schemes, and counter-formulation actions, where the replacement of the physical structure and functional character of ring roads as road restructuring is a prerequisite for generating less vulnerable urban structures. Therefore, the cases presented here raise important questions about the challenges and potential of ring roads and the areas alongside them in urban structures, in the context of the sustainable growth agenda.

#### **General information**

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Organisations: Architecture, Research group: Urban Planning and Design

Contributors: Amr, A.

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#### **Publication information**

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ISSN (Print): 0264-8377

Original language: English

Keywords: Ring road, Spatial pattern, Residential concentration, Urban growth

DOIs:

10.1016/j.landusepol.2020.104552

Research output: Contribution to journal › Article › Scientific › peer-review

#### **Architectural window design and energy efficiency: Impacts on heating, cooling and lighting needs in Finnish climates**

The building sector constitutes a significant share of global energy consumption and CO<sub>2</sub> emissions. Despite improving technology and materials, the foundation of successful energy design lies in architectural design decisions. Windows are one architectural design issue that is a key factor in both energy efficiency and functionality. This research utilized

dynamic building simulations to study the direct and combined energy impacts of window related architectural design through the following main variables' effect on heating, cooling, and lighting need: window area, proportions, horizontal position, external shading, glazing properties, and adjacent room proportions. Four solar orientations and three climatically different Finnish locations were included as context variables.

Window energy efficiency in the studied cases was found to be primarily about controlling solar heat gain. Geographic location changed not only energy consumption directly, but also the individual variables' impact on it and each other. The results indicate that cooling can be a significant factor even in cold climates, and that energy efficiency should always be evaluated using local weather data as well as sufficient design detail. Most properties affected each other significantly, highlighting a need for a comprehensive approach in both research and design practice and allowing evaluating previous studies comprising fewer variables.

#### General information

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MoE publication type: A1 Journal article-refereed

Organisations: Architecture, Research group: ASUTUT, Civil Engineering, Research group: Building Physics, Tampere University of Applied Sciences (TAMK)

Contributors: Kaasalainen, T., Mäkinen, A., Lehtinen, T., Moisio, M., Vinha, J.

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ISSN (Print): 2352-7102

Original language: English

ASJC Scopus subject areas: Architecture

Keywords: Energy performance, Window design, Architectural design, Multivariable simulation, Solar energy

DOIs:

10.1016/j.job.2019.100996

Research output: [Contribution to journal](#) › [Article](#) › [Scientific](#) › [peer-review](#)

#### Emotional diners and rational eaters: Constructing the urban lunch experience

Lunch is an urban phenomenon relatable to people of all age groups. Nationally-legislated-free lunches for children at day-care, schools, universities and at workplace canteens have a long history in the Finnish welfare society. In this article, the meaning-making of having lunch is shown to be mainly – but not solely – rational, and the sensory and emotional information received from the environment is verbally and rationally interpreted by the interviewees. In comparison, local food events are experiential and embodied in terms of the senses. It is asked whether there are common elements between those two contexts of eating and if some of the findings from the experiential side of eating might be applied to everyday eating occasions, thus contributing to urban conviviality.

#### General information

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MoE publication type: A1 Journal article-refereed

Organisations: Architecture, Research group: Urban Laboratory, University of Turku, University of Eastern Finland

Contributors: Hynynen, A. J., Aaltojärvi, I., Hopia, A., Uimonen, H.

Number of pages: 21

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Original language: English

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Research output: [Contribution to journal](#) › [Article](#) › [Scientific](#) › [peer-review](#)

#### Potential of space zoning for energy efficiency through utilization efficiency

Energy efficiency improvements for buildings are required globally to reduce greenhouse gas emissions. Energy efficiency is typically calculated in relation to building size (kWh/m<sup>2</sup>a), which ignores utilization. A utilization perspective entails a paradox in terms of energy efficiency: When utilization increases, so does energy consumption, encouraging minimizing the use of buildings. This paper advocates the use of a utilization efficiency indicator to reveal the impact of building use

on energy efficiency. As a concrete design strategy, this paper explores the energy efficiency impact of space zoning, in this context meaning grouping rooms with similar utilization to optimize building systems. To this end, multiple whole building simulations on different utilization variants have been conducted. The results show that such design can improve concrete energy efficiency through more efficient utilization. Simultaneously, the importance of proper space zoning and utilization is highlighted, as otherwise simply increasing usage can also have a negative energy efficiency impact. This study raised the need for systematic utilization design to be included throughout the design process.

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MoE publication type: A1 Journal article-refereed

Organisations: Architecture, Research group: ASUTUT, Civil Engineering, Tampere University of Applied Sciences (TAMK)

Contributors: Lindberg, T., Kaasalainen, T., Moisio, M., Mäkinen, A., Hedman, M., Vinha, J.

Pages: 19-40

Publication date: 2020

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Journal: ADVANCES IN BUILDING ENERGY RESEARCH

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URLs:

<http://urn.fi/URN:NBN:fi:tuni-201911196065>. Embargo ended: 27/06/19

Research output: Contribution to journal > Article > Scientific > peer-review

#### **Re-centring peripheries along ring roads under a smart growth agenda: case studies of Espoo Innovation Garden and Vantaa Aviapolis in Finland**

The study expands on the recent cluster-oriented smart growth vision in Greater Helsinki, Finland, and examines with two case studies the pertinent locational factor and locality-specific issues. The contemporary regional development tendencies of smart clustering have reframed place-making schemes with an aim of placing large concentrations of business activities on the periphery. The case studies of Espoo Innovation Garden and Vantaa Aviapolis draw on descriptive before-and-after analysis over a defined timeframe. The study addresses the formation and transformation of the spatial structure and its relative and relational qualities on an aggregated scale. It demonstrates the potential, challenges, tools, and strategies of the operating smart growth agenda generating spatial-economic competitiveness and attractiveness factors in these particular projects. The findings explain how the locational factor along ring roads parallel with the land-use management and former model of spatial and economic concentration and centralization are hampering the restructuring of new urban centralities.

#### **General information**

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MoE publication type: A1 Journal article-refereed

Organisations: Architecture

Contributors: Amr, A.

Pages: 357-379

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Journal: European Planning Studies

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Issue number: 2

ISSN (Print): 0965-4313

Original language: English

Keywords: Re-centring periphery, locational factor, cluster development, ring roads

DOIs:

10.1080/09654313.2019.1663794

### **A study on main architectural and structural design considerations of contemporary supertall buildings**

The design of supertall buildings (300m+) involves many professionals from several disciplines. The need for coordination among numerous experts, increases complexity of the entire process, which is typically conducted under the leadership of the architect, or sometimes the contractor. Consequently, the architects designing supertall buildings must be aware of architectural and structural design considerations and their interrelations. In this paper, the main architectural design considerations and structural system details of supertall buildings are studied; these include 93 completed or under construction buildings from the 1980s onwards. This study analyses the contemporary trends in main architectural and structural design considerations and corresponding interrelations. In addition, more inclusive and consistent classifications of structural system, building form, and core planning are proposed. The comparison between design considerations over the new proposed classifications is intended to aid and direct architects in the planning and development of supertall building projects as a basic guideline.

#### **General information**

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MoE publication type: A1 Journal article-refereed

Organisations: Architecture, Tampere University, Middle East Technical Univ.

Contributors: Ilgin, H. E., Ay, B. Ö., Gunel, M. H.

Publication date: 2020

Peer-reviewed: Yes

#### **Publication information**

Journal: ARCHITECTURAL SCIENCE REVIEW

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Original language: English

ASJC Scopus subject areas: Architecture

Keywords: architectural design considerations, building form, core planning, structural design considerations, structural system, Supertall building

DOIs:

10.1080/00038628.2020.1753010

#### **Bibliographical note**

INT=arch,"Ilgin, Hüseyin Emre"

Source: Scopus

Source ID: 85083712874

Research output: Contribution to journal › Article › Scientific › peer-review

### **Optional and necessary activities: Operationalising Jan Gehl's analysis of urban space with Foursquare data**

The paper presents a method to operationalise Jan Gehl's categorisation of dweller's activity patterns in public space using Foursquare data. The 'Urban Activity Wheel' method is instrumental in showing how location based social media data is beneficial to understand the distribution and variety of contemporary activity patterns. Re-organising both location-based social media data and statistical sources, unearths emerging activity patterns across scales from local to regional city making. Urban Activity Wheel shifts focus from the traditional functional analysis of urban space towards understanding activities and, thus, the human perspective of use, practices and new agencies. A specific analysis, the Shannon-Wiener Index of the complexity implemented on urban activities, gives further hints about the experiential qualities and development opportunities of urban spaces and neighbourhoods.

#### **General information**

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MoE publication type: A1 Journal article-refereed

Organisations: Architecture, Research group: Urban Planning and Design, HafenCity University Hamburg

Contributors: Cerrone, D., Baeza, J. L., Lehtovuori, P.

Number of pages: 12

Pages: 68-79

Publication date: 2020

Peer-reviewed: Yes

#### **Publication information**

Journal: International Journal of Knowledge-Based Development

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Issue number: 1

ISSN (Print): 2040-4476

Original language: English

ASJC Scopus subject areas: Strategy and Management, Information Systems and Management, Management of Technology and Innovation

Keywords: Activities, Foursquare, Geographic information systems, Instagram, Jan Gehl, Public space, Shannon-Wiener, Social media, Stakeholder participation, Urban analytics

DOIs:

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Research output: Contribution to journal › Article › Scientific › peer-review

### **Modeling of hygrothermal behavior for green facade's concrete wall exposed to nordic climate using artificial intelligence and global sensitivity analysis**

Green facades are one of the most promising natural-based solutions for buildings. Notwithstanding, in regions with varying weather such as the northern hemisphere, these can be counterproductive for the structures due to humidity retention. For these reasons, this work presents the development of an Artificial Neural Network (ANN) model to estimate the hygrothermal behavior inside a concrete wall protected by a second foliage skin. The database used for model formation was obtained through measurements made in an Accelerated Weathering Laboratory (AWL) to emulate the Nordic climatic conditions for a typical year. The ANN-hygrothermal model was trained in function of the parameters: environment relative humidity, ambient temperature, microclimate's relative humidity, microclimate's temperature, and the separation distance between the vegetation and the wall. The statistical results of the model demonstrated successful adaptability and great generalization capacity for both internal temperature ( $R^2 = 99.98\%$  for training and  $R^2 = 99.95\%$  for testing) and internal humidity ( $R^2 = 99.16\%$  for training and  $R^2 = 99.17\%$  for testing). Additionally, a sensitivity analysis was implemented, showing that the most influential variable in the estimation of both hygrothermal parameters is the ambient temperature and that the separation distance has a significant impact on the humidity produced inside the wall. Finally, the presented computational approach can be implemented in non-invasive monitoring systems or as a complementary tool in studies of concrete degradation due to humidity.

#### **General information**

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MoE publication type: A1 Journal article-refereed

Organisations: Research group: Virtual Building Technologies, Architecture, Autonomous University of Yucatan

Contributors: May Tzuc, O., Rodríguez Gamboa, O., Aguilar Rosel, R., Che Poot, M., Edelman, H., Jiménez Torres, M., Bassam, A.

Publication date: 2020

Peer-reviewed: Yes

#### **Publication information**

Journal: Journal of Building Engineering

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Article number: 101625

ISSN (Print): 2352-7102

Original language: English

ASJC Scopus subject areas: Civil and Structural Engineering, Architecture, Building and Construction, Safety, Risk, Reliability and Quality, Mechanics of Materials

Keywords: Artificial neural networks, Global sensitivity analysis, Green infrastructure, Humidity inside concrete, Sustainable construction

DOIs:

10.1016/j.jobbe.2020.101625

Source: Scopus

Source ID: 85088861500

Research output: Contribution to journal › Article › Scientific › peer-review

### **Stakeholders' Interests in Developing an Energy Ecosystem for the Superblock – Case Hiedanranta**

Policy objectives aimed toward zero-energy buildings call for the utilization of building-integrated renewable energy and distributed energy resources (DER). To enhance the utilization of DER, previous literature proposed the concept of an integrated community energy system (ICES). This research suggested using superblocks (units of multiple urban blocks) to define geographical limits, social contexts, and possibly common administrations for ICESs along with other living- and sustainability-related activities in an urban context. Through interviews with key stakeholders and an analysis, this research investigates the applicability of the superblock-ICES as a way of reaching the low-carbon objectives in the Hiedanranta brownfield development project in the city of Tampere, Finland. This research confirms that the driving forces of community-based solutions are economic benefits, technical development, and objectives of sustainability, and reveals or confirms that social acceptability, missing planning practices, economic risk, and missing or hindering legislation are the main issues or barriers of superblock-ICESs. For a wider adoption of superblock-ICESs, this research suggests cross-disciplinary piloting, together with developing planning practices and simulation tools. In Finland, legislative reforms are needed to remove the barriers and clarify issues related to security, reliability, customer protection, and public interest in governing a locally and collectively owned energy system.

### General information

Publication status: Published

MoE publication type: A1 Journal article-refereed

Organisations: Civil Engineering, Research group: Virtual Building Technologies, Architecture, Research group: Urban Planning and Design

Contributors: Joensuu, T., Norvasuo, M., Edelman, H.

Number of pages: 19

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Peer-reviewed: Yes

### Publication information

Journal: Sustainability

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Issue number: 1

Article number: 327

ISSN (Print): 2071-1050

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Scopus rating (2019): CiteScore 3.2 SJR 0.581 SNIP 1.165

Original language: English

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10.3390/su12010327

Research output: Contribution to journal › Article › Scientific › peer-review

### Urban Planning in the Post-Zoning Era: From Hierarchy to Self-Organization in the Reform of the Finnish Land Use and Building Act

Encountering cities as complex systems has been pictured as both an intellectual challenge and an urge to reconceptualise planning practices accordingly. Statutory planning in Finland, like in many other European countries, is built on the principles of hierarchical three-level zoning and area reservation codes. The zoning system reflects two historical tasks: the industrialising society's need to separate uses and the post-war desire for hierarchical administrative structures. Both these demands are rapidly losing their importance. The article focuses on current urban planning practices and planning rules, discussing their limitations to cope with urban complexity and self-organised dynamics, and aiming to develop new rules that could potentially turn complexity into an asset. Evolving digital technologies provide completely new opportunities for developing urban planning into a more transparent and interactive tool. In this framework, we set out to study the development potentials of planning rules in Finland, where the drafting of a new Land Use and Building Act is currently underway calling for a reassessment of the operative role of the planning system.

### General information

Publication status: Published

MoE publication type: A1 Journal article-refereed

Organisations: Architecture, Research group: Urban Planning and Design

Contributors: Rantanen, A., Rajaniemi, J.

Number of pages: 15

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Journal: Environment & Planning B: Planning and Design

ISSN (Print): 0265-8135

Ratings:

Scopus rating (2019): CiteScore 4.5 SJR 1.109 SNIP 1.743

Original language: English

ASJC Scopus subject areas: Urban Studies

Keywords: zoning, urban planning, self-organisation, Land Use and Building Act, Finland

DOIs:

10.1177/2399808319893686

Research output: Contribution to journal › Article › Scientific › peer-review

### From obscurity to heritage: Canonisation of the Nordic Wooden Town

Art historian Juan Pablo Bonta has presented a nine-step model for analysing how the interpretation of architectural oeuvres becomes canonised. We suggest that in terms of the built heritage, canonisation and heritagisation are essentially the same process, so Bonta's model can be used for analysing heritagisation processes. This article testifies to this assumption by examining how the interpretation of historic Nordic wooden towns became stabilised in Finland. The concept was introduced in the 1960s to describe the Nordic urban heritage that was threatened by massive town development projects. The identification of the heritage category enabled the preservation of some remaining wooden districts. Examining this process allows us to discuss the role of expertise in the building preservation. In the case of

wooden towns, experts' early recognition was a crucial precondition for the preservation of the heritage, which enabled novel generations to form a living relationship with it. Seen through the experts' writings, the heritagisation process of the wooden towns also reflect the expanding scope of the built heritage discipline. Based on our findings, the canonisation model is applicable not only to the individual oeuvres, as Bonta addresses, but also to broader built environments and, more conceptually, to heritage categories.

#### **General information**

Publication status: Published

MoE publication type: A1 Journal article-refereed

Organisations: Architecture, Research group: Architecture: History and Theory, Research group: Built Environment in Transition

Contributors: Kalakoski, I., Huuhka, S., Koponen, O.

Number of pages: 16

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Publication date: 29 Nov 2019

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#### **Publication information**

Journal: INTERNATIONAL JOURNAL OF HERITAGE STUDIES

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Scopus rating (2019): CiteScore 2.4 SJR 0.613 SNIP 1.905

Original language: English

Keywords: canonisation, heritagisation, heritage experts, heritage discourse, wooden towns

Electronic versions:

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DOIs:

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Research output: Contribution to journal > Article > Scientific > peer-review

#### **Building Conservation and the Circular Economy: A Theoretical Consideration**

Purpose

The purpose of this conceptual paper is to discuss the relation between building conservation and circular economy (CE), which are often erroneously seen as inherently contradictory to one another.

Design / methodology / approach

The work draws from a comparative approach. The paper reviews a body of literature on architectural conservation and CE to establish an understanding on the state-of-the-art for both disciplines separately. Then, the relation between thereof is developed through a theoretical discourse.

Findings

Both architectural conservation and CE aim at safeguarding value, although they define 'value' differently. Fabric-focused conservation and CE favor minimal intervention to material, albeit they arrive at this conclusion from different bases. Consequently, both approaches struggle with the low cost of virgin resource extraction and waste production and the high cost of human labor in contemporary Western societies. CE could be harnessed for building conservation by adopting its vocabulary and methodology, such as life cycle assessment and material flow analysis. Transitioning towards CE can help increase the preservation of built heritage while redefining what is meant by 'heritage' and 'waste'.

Originality / value

Prior to this paper, there have been no articles addressing the relationship of the concepts explicitly and to this extent. The paper provides a theoretical basis for further discourse and outlines some implications of CE for the construction and built heritage disciplines.

#### **General information**

Publication status: Published

MoE publication type: A1 Journal article-refereed

Organisations: Architecture, Research group: Built Environment in Transition, Aarhus School of Architecture

Contributors: Huuhka, S., Vestergaard, I.

Number of pages: 12

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Publication date: 28 Nov 2019



Peer-reviewed: Yes

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Journal: JOURNAL OF CULTURAL HERITAGE MANAGEMENT AND SUSTAINABLE D

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ISSN (Print): 2044-1266

Ratings:

Scopus rating (2019): CiteScore 1.2 SJR 0.283 SNIP 0.816

Original language: English

Keywords: conservation theory and practice, sustainability, modern heritage, building materials, architecture

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DOIs:

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Research output: Contribution to journal > Article > Scientific > peer-review

### Endocrine disruption and commensal bacteria alteration associated with gaseous and soil PAH contamination among daycare children

Polycyclic aromatic hydrocarbons (PAHs) are priority environmental pollutants that cause adverse health effects. PAHs belong to endocrine signaling disruptors to which children are sensitive to. Recent evidence suggests that PAH pollution alters the abundance of environmental bacteria that is associated with health outcomes. The alteration of environmental and commensal microbiota by PAH pollution has never been connected to endocrine signaling pathways. To estimate the risk of endocrine disruption in daycare children, we measured PAHs from soil and air of eleven urban daycare centres in Finland. We analyzed daycare yards' soil and children's gut and skin bacterial communities with 16S rRNA gene metabarcoding and used Kyoto Encyclopaedia of Genes and Genomes database to categorize endocrine signaling pathways. We also assessed the PAH hazard to children's health based on the current risk assessments. We observed associations between signaling pathways in endocrine system and gaseous PAH levels in ambient air. Peroxisome proliferator-activated receptor and adipocytokine signaling pathway decreased with higher chrysene concentration in the air. Soil PAH contamination was associated with altered Actinobacteria, Bacteroidetes and Proteobacteria communities on children's skin and in daycare yard soil. However, adjusted genera were not the same in soil and on skin, with the exception of *Mycobacterium* that was associated with higher PAH concentrations both in soil and on the skin. Even though fluoranthene levels were above the current threshold values, total PAHs were below safety threshold values and based on current risk assessments there is a minor risk for child health. Our findings indicate that PAH concentrations that are considered safe may interfere with endocrine signaling by commensal microbiota and alter both environmental and commensal bacterial communities. The imbalance in human microbiota and the decrease in signaling pathways may contribute to emerging public health problems, including inflammatory disorders, obesity and diabetes. Therefore, the optimal risk assessments of PAHs and theoretically also other contaminants shaping commensal microbiota may need to take into account the possibility of the disruption of endocrine signaling pathways.

### General information

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Organisations: Architecture, University of Helsinki, Tampere University of Applied Sciences

Contributors: Roslund, M. I., Rantala, S., Puhakka, R., Hui, N., Parajuli, A., Rantalainen, A. L., Sinkkonen, A., Grönroos, M., Soinen, L., Yan, G., Oikarinen, S., Laitinen, O. H., Hyöty, H., Nurminen, N., Kalvo, R., Rajaniemi, J.

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Scopus rating (2019): CiteScore 9.9 SJR 2.357 SNIP 2.242

Original language: English

ASJC Scopus subject areas: Environmental Science(all)

Electronic versions:

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DOIs:

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Source: Scopus

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Research output: [Contribution to journal](#) › [Article](#) › [Scientific](#) › [peer-review](#)

### **From Marginal to Mainstream? Analysing Translations between the Collaborative Housing Niche and the Established Housing Sector in Finland**

This paper focuses on the interaction between collaborative housing projects and the established housing sector. While collaborative housing is increasingly seen as a promising housing model, its impact on the wider housing system has remained under researched. This paper traces translations between the two domains. Drawing on the transition theory, it views collaborative housing as a grassroots niche challenging the culture, structures, and practices of the dominant housing system. The evidence from three Finnish cases shows that while the established housing sector may adopt niche ideas and move the goal posts, structural and practical barriers remain and make the diffusion of collaborative housing difficult.

#### **General information**

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MoE publication type: A1 Journal article-refereed

Organisations: Architecture

Contributors: Helamaa, A.

Number of pages: 18

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Publication date: Sep 2019

Peer-reviewed: Yes

#### **Publication information**

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Issue number: 3

ISSN (Print): 0263-7960

Ratings:

Scopus rating (2019): CiteScore 2 SJR 0.444 SNIP 0.565

Original language: English

DOIs:

[10.2148/benv.45.3.364](https://doi.org/10.2148/benv.45.3.364)

Research output: [Contribution to journal](#) › [Article](#) › [Scientific](#) › [peer-review](#)

### **Greening of Daycare Yards with Biodiverse Materials Affords Well-Being, Play and Environmental Relationships**

Nature contacts are recognized as positively contributing to humans' health and well-being. Although there have been projects to green daycare or schoolyards, yard greening and microbial biodiversity have never been studied simultaneously. We asked whether simultaneously increasing biodiversity exposure and greening urban daycare yards affects 3–5 years-old children's physical activity and play, their environmental relationships, and their perceived well-being. For transforming six daycare yards in Finland, we used a forest floor with high biodiversity, sod, peat blocks, and planters for vegetable and flower growing. We used qualitative interview and survey-based data collected from the daycare personnel and parents to analyze how green yards encourage children's engagement with their everyday life-worlds. We identified the functional possibilities provided by the yards and the dynamic aspects related to the greening. Green, biodiverse yards were considered safe, and inspired children's play, diversified their activities, and increased physical activity. The greenery offered embodied experiences of nature and provided the children with multi-sensory exploration and diverse learning situations. The dynamic and emotional ways of engaging with the natural environment increased their well-being. The activities related to caring for the yards and exploring them promoted the development of environmental relationships. The results can be used for designing health-enhancing yards.

#### **General information**

Publication status: Published

MoE publication type: A1 Journal article-refereed

Organisations: Architecture, University of Lapland, University of Helsinki, University of Tampere

Contributors: Puhakka, R., Rantala, O., Roslund, M. I., Rajaniemi, J., Laitinen, O., Sinkkonen, A., ADELE Research Group

Number of pages: 16

Publication date: 16 Aug 2019

Peer-reviewed: Yes

#### **Publication information**

Journal: International Journal of Environmental Research and Public Health

Volume: 16  
Issue number: 16  
Article number: 2948  
ISSN (Print): 1661-7827

Ratings:

Scopus rating (2019): CiteScore 3 SJR 0.739 SNIP 1.248

Original language: English

ASJC Scopus subject areas: Environmental Science (miscellaneous)

Keywords: affordance; children; well-being; physical activity; environmental relationship; green space; biodiversity

Electronic versions:

ijerph-16-02948

DOIs:

10.3390/ijerph16162948

URLs:

<http://urn.fi/URN:NBN:fi:tuni-201909203432>

Research output: Contribution to journal > Article > Scientific > peer-review

## **Void conditions and potential for mould growth for insulated and uninsulated suspended timber ground floors**

### **Purpose**

Millions of properties have suspended timber ground floors globally, with around ten million in the UK alone. However, it is unknown what the floor void conditions are, nor the effect of insulating such floors. Upgrading floors changes the void conditions, which might increase or decrease moisture build-up and mould and fungal growth. The purpose of this paper is to provide a review of the current global evidence and present the results of in situ monitoring of 15 UK floor voids.

### **Design/methodology/approach**

An extensive literature review on the moisture behaviour in both uninsulated and insulated suspended timber crawl spaces is supplemented with primary data of a monitoring campaign during different periods between 2012 and 2015. Air temperature and relative humidity sensors were placed in different floor void locations. Where possible, crawl spaces were visually inspected.

### **Findings**

Comparison of void conditions to mould growth thresholds highlights that a large number of monitored floor voids might exceed the critical ranges for mould growth, leading to potential occupant health impacts if mould spores transfer into living spaces above. A direct comparison could not be made between insulated and uninsulated floors in the sample due to non-random sampling and because the insulated floors included historically damp floors. The study also highlighted that long-term monitoring over all seasons and high-resolution monitoring and inspection are required; conditions in one location are not representative of conditions in other locations.

### **Originality/value**

This study presents the largest UK sample of monitored floors, evaluated using a review of current evidence and comparison with literature thresholds.

### **General information**

Publication status: Published

MoE publication type: A1 Journal article-refereed

Organisations: Architecture, Research group: ASUTUT, Katholieke Universiteti Leuven, Belgium, 20.01.2010, University College London

Contributors: Pelsmakers, S., Vereecken, E., Airaksinen, M., Elwell, C.

Pages: 395-425

Publication date: 12 Aug 2019

Peer-reviewed: Yes

### **Publication information**

Journal: International Journal of Building Pathology and Adaptation

Volume: 37

Issue number: 4

ISSN (Print): 2398-4708

Ratings:

Scopus rating (2019): CiteScore 1.8 SJR 0.434 SNIP 1.113

Original language: English

DOIs:

10.1108/IJBPA-05-2018-0041

Research output: Contribution to journal › Article › Scientific › peer-review

## **Pieni ja keskisuuri urbanismi kaupunkikehittämisen voimavarana.**

### **General information**

Publication status: Published

MoE publication type: A1 Journal article-refereed

Organisations: Architecture

Contributors: Hynynen, A., Rantanen, A.

Pages: 101-116

Publication date: 19 Jun 2019

Peer-reviewed: Yes

### **Publication information**

Journal: Alue ja Ympäristö

Volume: 48

Issue number: 1

ISSN (Print): 1235-4554

Original language: Finnish

Electronic versions:

77858-Artikkelin teksti-122546-1-10-20190619

DOIs:

10.30663/ay.77858

URLs:

<http://urn.fi/URN:NBN:fi:tty-201908232005>

Research output: Contribution to journal › Article › Scientific › peer-review

## **Built environment determinants of pedestrians' and bicyclists' route choices on commute trips: Applying a new grid-based method for measuring the built environment along the route**

To better understand the role of the built environment in route choices among pedestrians and bicyclists, this study explores the built environment distribution along commute routes in two neighbourhoods in Tampere, Finland. A new grid-based method is developed to enable a more sophisticated analysis of the built environment along the route. The data consist of 73 commute routes collected with the Sports Tracker® smartphone application, of which 18 are made by foot and 55 by bicycle. To find the most relevant spatial scale, the values of each built environment variable are calculated with five buffer sizes for each cell of the grid covering the research area. Five statistics describing the distribution of the built environmental variables along each shortest and actual route are then calculated and compared. The results show that besides determining whether a significant association is found, different spatial scales for the analysis produce dissimilar findings in strength and even the direction of the correlations found. The most significant associations are found mainly with the smallest buffer (15m). Of the five built environment statistics calculated, the mean value of most built environmental variables had the most consistent correlation with route choice. Also, standard deviation and the third quartile of several built environmental variables along the routes correlate with route choice. The most significant associations with route choice are found with intersection density, institutional land use, slope, and age of buildings.

### **General information**

Publication status: Published

MoE publication type: A1 Journal article-refereed

Organisations: Architecture

Contributors: Sarjala, S.

Number of pages: 14

Pages: 56-69

Publication date: 1 Jun 2019

Peer-reviewed: Yes

### **Publication information**

Journal: JOURNAL OF TRANSPORT GEOGRAPHY

Volume: 78

ISSN (Print): 0966-6923

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Scopus rating (2019): CiteScore 6.6 SJR 1.777 SNIP 2.147

Original language: English

ASJC Scopus subject areas: Geography, Planning and Development, Transportation, Environmental Science(all)

Keywords: Active transport, built environment, commute, GIS, GPS, route choice

DOIs:

10.1016/j.jtrangeo.2019.05.004

Source: Scopus

Source ID: 85066158071

Research output: Contribution to journal › Article › Scientific › peer-review

### **El origen del 'sueño' de la arquitectura de cristal: Una aproximación**

The history of glass architecture has been animated by a 'dream', stimulated by the particular interaction properties of this material with light. The article approaches to the genesis of that dream and its first manifestations, in the form of legends about fantastic glass buildings, transcribed in sacred or literary texts. It refers also to the architectures in which it has been materialized and some of the architects it has inspired. We conclude that the survival of this dream in time is due to the capacity granted to glass as a way to access indistinctly to 'anagogies' (elevation and alienation of the soul by the contemplation of 'divine' things), whether religious or secular.

#### **General information**

Publication status: Published

MoE publication type: A1 Journal article-refereed

Organisations: Architecture

Contributors: Rubio Hernandez, R.

Number of pages: 15

Pages: 123-137

Publication date: 1 Jun 2019

Peer-reviewed: Yes

#### **Publication information**

Journal: Constelaciones

Issue number: 7

ISSN (Print): 2340-177X

Original language: Spanish

ASJC Scopus subject areas: Arts and Humanities(all)

Keywords: Architecture, Crystal, Glass, Light, Sun, Divinity, Medieval literature, Sacred texts, anagogy

URLs:

<https://revistaconstelaciones.wordpress.com/2019/05/15/el-origen-del-sueno-de-la-arquitectura-de-cristal-una-aproximacion/>

Research output: Contribution to journal › Article › Scientific › peer-review

### **Architectural potential of deconstruction and reuse in declining mass housing estates**

In Western Europe, many large housing estates have experienced spirals of intertwined physical and social decline. Such estates have wound up at the bottom of the housing hierarchy, which is manifested as high turnovers and vacancies. This qualitative multi-case study contributes to the research on the sustainable management of declining neighbourhoods' housing stocks. The study learns from four individual cases in which vacancies were tackled with an extreme architectural transformation. In the investigated cases, large-panel buildings were partially deconstructed and renovated, and the reclaimed concrete panels were reused for new construction nearby. The approach integrates demolition, renovation and new construction – the three characteristic building stock management strategies in disadvantaged neighbourhoods. The cases are located in Sweden (Gothenburg, 1984), the Netherlands (Middelburg, 1986), Germany (Berlin, 2004) and Finland (Raahe, 2010). Deconstruction was the landlords' way to manage their assets in the face of vacancies and social problems in relatively young, unamortized buildings. The projects proved technically feasible, yet they have been criticised for their economic and social implications. Nonetheless, the approach seems to have contributed to extending the life cycles of the buildings in question, and it has the potential to improve the quality of life in large housing estates.

#### **General information**

Publication status: Published

MoE publication type: A1 Journal article-refereed

Organisations: Architecture, Research group: Built Environment in Transition, Technische Universität Berlin, Chalmers University of Technology

Contributors: Huuhka, S., Naber, N., Asam, C., Caldenby, C.

Pages: 139-179

Publication date: 26 Apr 2019

Peer-reviewed: Yes

#### **Publication information**

Journal: Nordic Journal of Architectural Research

Volume: 31

Issue number: 1

ISSN (Print): 1893-5281

Original language: English

Keywords: adaptation measures, disadvantaged housing estates, deconstruction, mass housing, partial demolition, prefabricated concrete, renovation, reuse

Electronic versions:

Huuhka\_Naber\_Asam\_Caldenby

URLs:

<http://arkitekturforskning.net/na/article/view/1173>

<http://urn.fi/URN:NBN:fi:tty-201905291749>

Research output: Contribution to journal › Article › Scientific › peer-review

### **Teaching Archaeological Heritage Management: Towards a Change in Paradigms**

The concept of archaeological heritage management (AHM) has been key to wider archaeological research and preservation agendas for some decades.

Many universities and other education providers now offer what is best termed heritage management education (HME) in various forms. The emphasis is commonly on archaeological aspects of heritage in a broad sense and different terms are often interchangeable in practice. In an innovative working-conference held in Tampere, Finland, we initiated a debate on what the components of AHM as a course or curriculum should include. We brought together international specialists and discussed connected questions around policy, practice, research and teaching/training, at local, national, transnational and World Heritage levels. In this article we take the Tampere discussions further, focusing especially on the meaning, necessity, implications and prerequisites of interdisciplinary HME. We offer our thoughts on developing HME that reflects the contemporary aspects and needs of heritage and its management.

#### **General information**

Publication status: Published

MoE publication type: A1 Journal article-refereed

Organisations: Architecture, Research group: Architecture: History and Theory, University of Helsinki, Friends of ICAHM, AW Heritage Consultancy, University of Helsinki, Complutense University of Madrid, University of Jyväskylä, University of Turku, Pirkanmaa Provincial Museum, Archaeologist and heritage consultant, Adam Mickiewicz University, Universidad Europea de Canarias, Anton de Kom University of Suriname, Newcastle University, Witwatersrand University  
Contributors: Willems, A., Thomas, S., Castillo Mena, A., Čeginskas, V., Immonen, V., Kalakoski, I., Lähdesmäki, T., Lähdesmäki, U., Gowen-Larsen, M., Marciniak, A., Pérez González, E., White, C., Mazel, A. D.

Pages: 297-318

Publication date: 2019

Peer-reviewed: Yes

#### **Publication information**

Journal: CONSERVATION AND MANAGEMENT OF ARCHAEOLOGICAL SITES

Volume: 20

Issue number: 5-6

ISSN (Print): 1350-5033

Ratings:

Scopus rating (2019): CiteScore 0.8 SJR 0.213 SNIP 0.391

Original language: English

DOIs:

10.1080/13505033.2018.1559423

Research output: Contribution to journal › Article › Scientific › peer-review

### **'Los muertos que vos matáis gozan de buena salud': Crítica a la crítica Postmoderna del Funcionalismo**

Modern functionalist culture is indebted to the dialectic function-form, rooted in Western thought, from its classical origins to our days. The article analyzes the reasons for the crisis of this tradition in architecture, beginning in the 1930s and especially departing from Postmodernism; when part of the academic establishment, alerts about the necessity of a new discourse that would allow the "advance" of architecture. 1965 Th. W. Adorno's reflections on functionalism are taken as the cornerstone, not only to review and criticize that historical moment, but also some aspects of our current situation. From Adorno's thought we can conclude that the functional discourse could "enjoy good health" if we act in accordance with what he understands as the "autonomy" in architecture.

#### **General information**

Publication status: Published  
MoE publication type: A1 Journal article-refereed  
Organisations: Architecture  
Contributors: Rubio Hernandez, R.  
Pages: 7-28  
Publication date: Dec 2018  
Peer-reviewed: Yes

#### **Publication information**

Journal: HipoTesis Numbered Issues  
Issue number: 6  
Article number: 1  
ISSN (Print): 2340-5147  
Original language: Spanish  
ASJC Scopus subject areas: Arts and Humanities(all)  
Keywords: Functionalism, Postmodernism, P. Eisenman, Th. W. Adorno, Autonomy  
URLs:  
<http://hipo-tesis.eu/serienumerada/index.php/ojs/article/view/hipo6rubio>  
Research output: Contribution to journal › Article › Scientific › peer-review

#### **Adaptability of mass housing: Size modifications of flats as a response to segregation**

##### **Purpose**

When dwellings fail to respond to residents' needs, housing will suffer from segregation and buildings will possibly be demolished ahead of their time. This paper focuses on the lack of variation in the sizes of dwellings as a factor in residential segregation. It examines this issue in the context of Finnish mass housing built in the 1960s and 1970s. The aim of the article is to review how mass housing layouts can be adapted to produce the currently absent flat sizes.

##### **Design/methodology/approach**

The paper operates at the intersection of human geography, building stock research and adaptability research. First, statistical data is utilised to investigate how dwellings and households of different sizes are distributed over the Finnish housing stock. Secondly, the building layouts of mass housing are examined in detail. Thirdly, the potential that flats in mass housing have for size modification is reviewed.

##### **Findings**

There is a disparity of available dwelling sizes between different housing types, and statistics show that the proportion of large households has decreased significantly in blocks of flats over the last decades. The lack of large dwellings in mass housing may contribute as one factor to the segregation of the neighbourhoods built in the 1960s and 1970s. The findings show how the variation of apartment sizes can be increased in mass housing.

##### **Originality/value**

The housing stock is rarely examined in detail in segregation research, even though it is a major determinant for a city's social structure. This paper argues that to address segregation sustainably, it is necessary to understand the housing stock better and to view it as an adaptable asset.

#### **General information**

Publication status: Published  
MoE publication type: A1 Journal article-refereed  
Organisations: Architecture, Research group: Built Environment in Transition, Research group: ASUTUT  
Contributors: Huuhka, S., Saarimaa, S.  
Number of pages: 19  
Pages: 408-426  
Publication date: 10 Sep 2018  
Peer-reviewed: Yes  
Early online date: 15 Aug 2018

#### **Publication information**

Journal: International Journal of Building Pathology and Adaptation  
Volume: 36  
Issue number: 4  
ISSN (Print): 2398-4708  
Ratings:

Scopus rating (2018): CiteScore 1.9 SJR 0.45 SNIP 0.879

Original language: English

Keywords: adaptability, apartment sizes, flexibility, housing stock, mass housing, residential segregation

Electronic versions:

Huuhka&Saarimaa\_adaptability\_of\_mass\_housing\_author\_accepted\_manuscript

DOIs:

10.1108/IJBPA-01-2018-0011

URLs:

<http://urn.fi/URN:NBN:fi:tty-201809122278>

Research output: Contribution to journal › Article › Scientific › peer-review

### **Condensation at the exterior surface of windows**

New energy efficient windows have a higher risk for outdoor air vapour condensing to their exterior surface, when compared to older windows with lower thermal resistance. This external condensation can reduce visibility through the window, decrease owner satisfaction and affect the behaviour of window buyers and sellers. The purpose of this study was to analyse the impact of window U-value and other factors on the occurrence of external condensation. A combined heat and moisture transfer model was created and used for the calculations. According to the results, the duration and amount of external condensation are projected to increase in the future due to lower window U-values and climate change. Exterior surface emissivity, external shadings and building location had a big impact on the amount of yearly condensation hours, while window orientation and solar absorption coefficient had a smaller impact. There was also an interesting power-law-type correlation between yearly condensation hours and the median effective thickness of the condensation layer. The results help window manufacturers and building designers make more accurate decisions in their future work.

### **General information**

Publication status: Published

MoE publication type: A1 Journal article-refereed

Organisations: Civil Engineering

Contributors: Laukkarinen, A., Kero, P., Vinha, J.

Number of pages: 10

Pages: 592-601

Publication date: 1 Sep 2018

Peer-reviewed: Yes

### **Publication information**

Journal: Journal of Building Engineering

Volume: 19

ISSN (Print): 2352-7102

Ratings:

Scopus rating (2018): CiteScore 3.6 SJR 0.682 SNIP 1.569

Original language: English

ASJC Scopus subject areas: Building and Construction, Architecture, Civil and Structural Engineering, Safety, Risk, Reliability and Quality

Keywords: Building physics, Condensation, Energy efficiency, Heat transfer, Moisture transfer, Windows

Electronic versions:

Laukkarinen et al 2018 Condensation at the - Accepted manuscript. Embargo ended: 1/09/20

DOIs:

10.1016/j.jobbe.2018.06.014

URLs:

<http://urn.fi/URN:NBN:fi:tty-201807312043>. Embargo ended: 1/09/20

Source: Scopus

Source ID: 85049334016

Research output: Contribution to journal › Article › Scientific › peer-review

### **Tectonic use of reclaimed timber: Design principles for turning scrap into architecture**

Increasing the use of timber has been proposed as one step towards more sustainable architecture and construction. Timber's renewability and the capability to store carbon have dominated this discussion. At the same time, viewpoints related to material efficiency and recycling, equally important aspects to sustainability, have been neglected. Unfortunately, recycling wood can be challenging, and countries that already build a lot with timber tend to rely on incineration at the end of the life cycle. Reusing wood could, however, save emissions from manufacturing new timber and disposing of demolished timber and prolong the time the carbon stays sequestered. Embedded in new architectural ensembles, salvaged components could also transmit the past to the contemporary viewer and thus, result in more evocative architecture.

Barriers preventing reuse in general have been documented in literature, but few solutions have been proposed. The



obstacles include, among other things, inconsistent quality and quantity, difficulty of dimensional coordination and negative perception, which are all issues connected to design. This paper employs literature review and design simulation in addressing the challenges of architectural design from reclaimed timber. With the help of literature, the tectonic nature of reclaimed wood material is elaborated in more detail. The design simulation was conducted during a special timber architecture course with the help of 36 students, whose design projects form the empirical research material of the paper. Engaging in a discussion with literature and the research material, the study results in recognizing how reclaimed timber essentially differs from virgin timber and proposes ten design principles for managing the inconsistencies associated with the salvaged material.

The presented discussion demonstrates that reclaimed materials should be considered as materials of their own; they should not be expected to simply comply with conventional construction methods and design practices. Since the salvaged components already exist, their architectural and structural design cannot be differentiated from each other. Therefore, tectonic expression endogenous to reclaimed materials needs to be developed in order to actuate their more widespread reuse. Whereas historical and vernacular construction methods withhold many insights for architectural design from reclaimed timber, contemporary computer-aided design offers novel tools for the execution of these ideas. The remarks of the paper are not only valid in Western contexts, but may be highly relevant for architects working in developing countries.

#### **General information**

Publication status: Published

MoE publication type: A1 Journal article-refereed

Organisations: Architecture, Research group: Built Environment in Transition

Contributors: Huuhka, S.

Number of pages: 22

Pages: 130-151

Publication date: 3 Jul 2018

Peer-reviewed: Yes

#### **Publication information**

Journal: Architectural Research in Finland

Volume: 2

Issue number: 1

ISSN (Print): 2489-6799

Original language: English

Keywords: architectural design, cascading, circular economy, recycling, reuse, salvaged wood

URLs:

<https://journal.fi/architecturalresearchfinland/article/view/73183/35051>

Research output: Contribution to journal › Article › Scientific › peer-review

#### **Editorial Introduction**

##### **General information**

Publication status: Published

MoE publication type: A1 Journal article-refereed

Organisations: Architecture

Contributors: Passinmäki, P.

Number of pages: 3

Pages: 6-8

Publication date: 3 Jul 2018

Peer-reviewed: Yes

##### **Publication information**

Journal: Architectural Research in Finland

Volume: 2

Issue number: 1

ISSN (Print): 2489-6799

Original language: English

URLs:

<https://journal.fi/architecturalresearchfinland/issue/view/Architectural%20Research%20in%20Finland%20vol.2%2C%20no.1%202018>

Research output: Contribution to journal › Editorial › Scientific › peer-review

#### **Observer, expert, or activist: changing roles in design research project**

This article discusses ethical issues in an urban development design research study. It is based on an ongoing PhD research project which investigates

questions of urban housing design in socially diverse, multicultural neighbourhoods. Experience from the case discloses ethical responsibilities in design research that concerns researchers' positions, empirical results, and perceivable effects on the case environment. This article aims to argue for politically informed action that acknowledges ethical responsibilities to the case environment and people living in it as a primary interest in design research.

#### **General information**

Publication status: Published  
MoE publication type: A1 Journal article-refereed  
Organisations: Architecture, Research group: ASUTUT  
Contributors: Maununaho, K.  
Number of pages: 20  
Pages: 269-288  
Publication date: 28 Jun 2018  
Peer-reviewed: Yes

#### **Publication information**

Journal: The NAAR Proceedings Series  
Volume: 2018  
Issue number: 1  
ISSN (Print): 2535-4523  
Original language: English  
Electronic versions:  
109-19-PB  
URLs:  
<http://urn.fi/URN:NBN:fi:tty-201901181112>  
<http://arkitekturforskning.net/files/journals/1/issues/109/109-19-PB.pdf>

#### **Bibliographical note**

jufoid=86486  
Research output: Contribution to journal > Conference article > Scientific > peer-review

#### **Spolia revisited and extended: The potential for contemporary architecture**

In the fields of archaeology, art history and history, spolia have traditionally been studied as phenomena of the past. Today, the reuse of salvaged construction components and materials is primarily justified by its economic and ecological benefits, while its architectural and experiential qualities are much less discussed, if at all. Therefore, this article has two focuses, one more conceptual, and the other, more practical. Firstly, the article suggests extending the concept of spolia to contemporary architecture and discusses the usefulness of the concept in evaluating experiential values in contemporary constructions that make use of reclaimed parts. Secondly, it evaluates the potential of spoliation as a modern design tool in search of a more complex and historicity-based architectural expression. This potential is examined by defining the requirements for the extended concept, and through analyzing examples of contemporary design. Although the main focus of this article is on contemporary architecture based on old building components, the topic also has obvious implications for heritage management.

#### **General information**

Publication status: Published  
MoE publication type: A1 Journal article-refereed  
Organisations: Architecture, Research group: Architecture: History and Theory, Research group: Built Environment in Transition  
Contributors: Kalakoski, I., Huuhka, S.  
Number of pages: 27  
Pages: 187-213  
Publication date: Jun 2018  
Peer-reviewed: Yes  
Early online date: 30 Nov 2017

#### **Publication information**

Journal: Journal of Material Culture  
Volume: 23  
Issue number: 2  
ISSN (Print): 1359-1835  
Ratings:  
Scopus rating (2018): CiteScore 1.8 SJR 0.525 SNIP 1.088  
Original language: English  
Electronic versions:  
[kalakoski&huuhka\\_spolia\\_author\\_accepted\\_manuscript](#)

DOIs:

10.1177/1359183517742946

URLs:

<http://urn.fi/URN:NBN:fi:tty-201802141245>

Research output: Contribution to journal › Article › Scientific › peer-review

### **Epätoivon kaupungit ja perirealistinen dystopia**

During the last decades, dystopic visions have become very popular, especially in the literature and movies targeted to teenagers. The genre offers many interesting works of art also for more mature taste. Two important novels from the year 2009, Margaret Atwood's *The Year of the Flood* and Ahmed Khaled Towfik's *Utopia*, are describing the failure of the city in the near future. In both books two types of urban settlement exist in the same area, one for the rich and the other for the poor. They are dependent on each other, even if a protective wall – both concrete, societal and economic – is built to separate their inhabitants. I examine them especially from the point of view of inequality. I also suggest that the books represent a formerly undefined subgenre of speculative fiction, perirealistic dystopia. It is a fact-based narrative situated in the near future and intended to improve the current societal development by presenting exaggerated dystopic visions. I call this desire as the principle of no-hope.

#### **General information**

Publication status: Published

MoE publication type: A1 Journal article-refereed

Organisations: Architecture, Research group: Urban Planning and Design

Contributors: Rajaniemi, J.

Number of pages: 9

Pages: 19-27

Publication date: Jan 2018

Peer-reviewed: Yes

#### **Publication information**

Journal: *Futura*

Volume: 36

Issue number: 4

ISSN (Print): 0785-5494

Original language: Finnish

ASJC Scopus subject areas: Urban Studies, Linguistics and Language

Keywords: utopia, dystopia, kaupunki, valta, tulevaisuus, toivo, epätoivo, urbaani, fiktio

URLs:

<http://www.tutuseura.fi/julkaisut/futura/4-2017>.

Research output: Contribution to journal › Article › Scientific › peer-review

### **Bridging soft and hard – Towards a more coherent understanding of self-organisation within urban complexity research**

Cities are becoming increasingly complex in both form and function, while the planning system retains the rational top-down mode – assuming that urbanity is predictable. However, complexity thinking affords a promising perspective on cities as uncertain and dissipative, bottom-up organizing systems.

Emerging from social sciences, the methodology of communicative approaches in urban planning is mainly qualitative, while the origin of complexity thinking is in natural sciences, relying on quantitative methods. In both discourses the concept of self-organisation in particular occurs constantly. Regarding their backgrounds, the approaches in urban planning research typically differ from each other rendering the use of the concept unclear and thereby limiting its overall applicability.

In this paper we seek to explore concepts of self-organisation and urban complexity in two different kinds of urban analyses, and to build a shared understanding which supports urban planning and development endeavours in practice.

#### **General information**

Publication status: Published

MoE publication type: A1 Journal article-refereed

Organisations: Architecture

Contributors: Partanen, J., Wallin, S.

Publication date: Jan 2018

Peer-reviewed: Yes

#### **Publication information**

Journal: *Yhdyskuntasuunnittelu*

Volume: 01

Issue number: 2018

ISSN (Print): 1459-6806

Original language: English

URLs:

<http://www.yss.fi/journal/bridging-soft-and-hard/>

Research output: Contribution to journal › Article › Scientific › peer-review

### **Critique, Creativity and the Co-Optation of the Urban: A Case of Blind Fields and Vague Spaces in Lefebvre, Copenhagen and Current Perceptions of the Urban**

Even though more than four decades have passed since the writing of *The Production of Space*, with walls, governance regimes and financial markets coming tumbling down, cities around the globe still find themselves in—and reproduce what Lefebvre would characterize as—abstract space, a space produced by economy and bureaucracy, and reproducing dominant regimes thereof beyond the grasp of users and inhabitants of cities. In this article, it is argued that an urban perception is cancelled out in the reductive struggle between two dominant perceptions of urban change. The article unfolds in three moments: firstly, an outline of Henri Lefebvre's critique of 'the urban' and 'the production of space' is presented in order to clarify his critique of reductive perceptions and the significance of the urban in his work; secondly, a conceptualizing narrative anchoring Lefebvre's concepts to recent developments in Copenhagen, not least developments related to the sub-cultures, is explored — showing how different agents pursue the realization of different perceptions of urban change; thirdly, it is concluded that this development needs to be conceptualized as a reduction of the urban into a residual as well as the unfolding of a dominant contradiction between 'critique' and 'creativity'.

#### **General information**

Publication status: Published

MoE publication type: A1 Journal article-refereed

Organisations: Architecture

Contributors: Larsen, J. L., Brandt, J.

Publication date: 2018

Peer-reviewed: Yes

#### **Publication information**

Journal: Urban Planning

Volume: 3

Issue number: 3

ISSN (Print): 2183-7635

Ratings:

Scopus rating (2018): CiteScore 2.1 SJR 0.547 SNIP 1.134

Original language: English

Electronic versions:

UP 3(3) - Critique, Creativity and the Co-Optation of the Urban\_ A Case of Blind Fields and Vague Spaces in Lefebvre, Copenhagen and Current Perceptions of the Urban

DOIs:

10.17645/up.v3i3.1394

URLs:

<http://urn.fi/URN:NBN:fi:tty-201806131976>

Research output: Contribution to journal › Article › Scientific › peer-review

### **Bricolage in Collaborative Housing in Finland: Combining Resources for Alternative Housing Solutions**

Finnish collaborative housing projects are in an experimental stage. These projects are trying to push the conventional practices of housing production into a new shape in order to realize their schemes in the housing market dominated by large construction companies. This paper aims to shed light on the resident groups' resources in a context where resident-driven projects are rare. We apply the concept of bricolage to analyse three collaborative housing projects in Finland. Our analysis highlights that the residents refused to enact limitations imposed by the dominant housing market and examines how this was made possible. The cases we studied were successful for two interconnected reasons: (1) because of the capabilities of the residents; and (2) the professional allies they had. We argue that analyses framed by bricolage can help better understand the local contexts with their real and presumed constraints, and offer a possibility for international comparison of collaborative housing.

#### **General information**

Publication status: Published

MoE publication type: A1 Journal article-refereed

Organisations: Architecture, POLEIS - Research Program on the Politics of Space and the Environment

Contributors: Laine, M., Helamaa, A., Kuoppa, J., Alatalo, E.

Publication date: 2018

Peer-reviewed: Yes  
Early online date: 2018

### Publication information

Journal: Housing, Theory and Society  
ISSN (Print): 1403-6096  
Ratings:

Scopus rating (2018): CiteScore 3.1 SJR 1.24 SNIP 1.305

Original language: English

ASJC Scopus subject areas: Development, Sociology and Political Science, Urban Studies

Keywords: bricolage, Collaborative housing, multi-unit housing production, residents

DOIs:

10.1080/14036096.2018.1492438

### Bibliographical note

EXT="Alatalo, Elina"

Source: Scopus

Source ID: 85050374479

Research output: Contribution to journal > Article > Scientific > peer-review

### Examining the rhythms of 'urban elements' on walking and driving routes in the city

The article follows Kevin Lynch's renowned formulation of 'urban elements' to examine the mobilities, experiences and materialities on ordinary routes in the city. Utilizing route narratives and participant-produced visual data, the article focuses on various identifiable micro-temporalities and mobility rhythms on repeated walking and driving routes, building on Henri Lefebvre's notion of 'rhythmanalysis'. The article examines how a framework built around rhythm and urban elements can add to the analysis of contemporary urban sites from the perspectives of situated mobile contexts, noting sequences and polyrhythmia as central temporal characteristics in the body-environment relations.

### General information

Publication status: Published

MoE publication type: A1 Journal article-refereed

Organisations: Architecture

Contributors: Tartia, J.

Publication date: 2018

Peer-reviewed: Yes

Early online date: 2018

### Publication information

Journal: Mobilities

Volume: 13

Issue number: 6

ISSN (Print): 1745-0101

Ratings:

Scopus rating (2018): CiteScore 5.1 SJR 1.581 SNIP 1.541

Original language: English

ASJC Scopus subject areas: Demography, Geography, Planning and Development, Sociology and Political Science

Keywords: everyday life, mobile methods, mobilities, Rhythm, rhythmanalysis, urban elements

DOIs:

10.1080/17450101.2018.1477303

Source: Scopus

Source ID: 85051998023

Research output: Contribution to journal > Article > Scientific > peer-review

### Ihmisen näkökulma integroidun asumisen jaetuissa tiloissa

The research focuses on spatio-functional aspects in recent European integrated housing cases, utilizing Jan Gehl's ideas of the human dimension in urban space as a central instrument.

### General information

Publication status: Published

MoE publication type: A1 Journal article-refereed

Organisations: Architecture, Research group: ASUTUT

Contributors: Maununaho, K.

Publication date: 2018

Peer-reviewed: Yes

### Publication information

Journal: Yhdyskuntasuunnittelu

Volume: 56

ISSN (Print): 1459-6806

Original language: Finnish

Keywords: Integrated housing, intercultural housing, intergenerational housing, Jan Gehl, spatio-functional analysis

URLs:

<http://www.yss.fi/journal/ihmisen-nakokolma-integroidun-asumisen-jaetuissa-tiloissa/>

Research output: Contribution to journal › Article › Scientific › peer-review

### Low energy housing retrofit in North England: Overheating risks and possible mitigation strategies

In the drive to reduce space-heating demand and associated CO<sub>2</sub> emissions as well as tackle fuel poverty, dwelling overheating and summer-time occupant thermal discomfort might be the unintended consequences of low-energy building retrofits. This paper presents the findings of a steady-state modelled low-energy retrofit dwelling in northern England and its potential current and future climate overheating risks using UK Climate Projections 2009 (UKCP09) scenarios (2050 and 2080 High Emission Scenarios). Predictive findings highlight that retrofitting to low-energy standards increases overheating risk over time, unless passive prevention measures are included in the retrofit design. In addition, the steady-state nature of the model might not fully capture the occupants' exposure to actual future overheating risks. Among the most effective individual passive overheating mitigation strategies are temporary internal shading, permanent external shading and night-time ventilation. Most effective is a combination of these adaptation measures, so that predictive overheating is minimised in a future changing climate, reducing the uptake of active cooling in retrofitted dwellings.

Practical application: Much research focuses on building overheating risks in the warmer South-east of England. However, this paper highlights how dwelling retrofit in north England (Sheffield) also can lead to increased dwelling overheating risk, unless passive design measures are included in the retrofit design. Among the most effective individual passive overheating mitigation strategies are solar shading devices and increased night-time ventilation, though ideally different measures are combined. Using future climate scenarios highlights that retrofits designed today might not be able to provide occupant thermal comfort in a future warming world.

### General information

Publication status: Published

MoE publication type: A1 Journal article-refereed

Organisations: Architecture

Contributors: Ibrahim, A., Pelsmakers, S.

Pages: 161-172

Publication date: 2018

Peer-reviewed: Yes

### Publication information

Journal: Building Services Engineering Research and Technology

Volume: 39

Issue number: 2

ISSN (Print): 0143-6244

Ratings:

Scopus rating (2018): CiteScore 2.2 SJR 0.501 SNIP 0.689

Original language: English

DOIs:

[10.1177/0143624418754386](https://doi.org/10.1177/0143624418754386)

Research output: Contribution to journal › Article › Scientific › peer-review

### Spatial solutions supporting information exchange and knowledge creation

Architectural practice is a creative, knowledge-based organization, and therefore information exchange and knowledge creation are essential components of architects' profession. However, these aspects of architectural practice are not studied widely. The objective of this study is to analyse how the mobility of the different types of workers' effects on the information exchange and knowledge creation in a team-based office layout. The research material was collected from a semi-large Finnish architecture office. The methods employed are qualitative: theme interviews with the employees and the executives of the office, together with the informal on-site observations. The preliminary analysis of the research material indicates that the team-based office layout supported tacit knowledge exchange and creative group work. The team rooms, however, did not support the individual working preferences of the participants. Furthermore, the tacit knowledge remained inside the team and did not spread through the whole organization. Therefore, as a downside, the team-based working inhibited the information exchange and knowledge creation between different teams.

### General information

Publication status: Published

MoE publication type: A1 Journal article-refereed

Organisations: Architecture, Research group: Urban Planning and Design, Pervasive Computing, Research area: User experience, Industrial and Information Management, Research group: Novi

Contributors: Peltoniemi, S., Poutanen, J., Ahtinen, A., Saloniemi, H.

Number of pages: 14

Pages: 106-119

Publication date: Dec 2017

Peer-reviewed: Yes

#### Publication information

Journal: Architectural Research in Finland

Volume: 1

Issue number: 1

ISSN (Print): 2489-6799

Original language: English

URLs:

<https://journal.fi/architecturalresearchfinland/article/view/68800/30272>

Research output: Contribution to journal > Article > Scientific > peer-review

#### Socio-Ecological Intervention to Promote Active Commuting to Work: Protocol and Baseline Findings of a Cluster Randomized Controlled Trial in Finland

Active commuting to work (ACW) is beneficial to traffic, environment and population health. More evidence is needed on effective ways to promote ACW. This paper describes the protocol and baseline findings of a cluster-randomized controlled study, which aims to promote ACW with multilevel strategies in two large workplace areas in Tampere, Finland. In Phase 1, the impacts of environmental strategies (trail improvements) were evaluated in 11 workplaces within Area 1. In Phase 2, five more workplaces were recruited from Area 2 to evaluate the impacts of social and behavioral strategies customized for each workplace. For this purpose, the workplaces in both areas were randomly assigned into experimental group (EXP,  $n = 6 + 2$ ), which promoted ACW with social and behavioral strategies or into comparison group (COM,  $n = 5 + 3$ ), which participated in the data collection only. The primary indicator in both phases is the change in employees' ACW. Secondary indicators are e.g., changes in employees' self-rated health, wellbeing at work, restrictions to and motivation for ACW, adverse effects due to ACW and the use and quality of the main walking and cycling trails. Also process, efficiency and environmental evaluation is included. The study is the first one in Finland to combine interdisciplinary collaboration between practitioners and researchers working in the fields of transportation, urban design, physical activity and sustainable development to promote ACW. The findings benefit all stakeholders interested in promoting ACW in urban context.

#### General information

Publication status: Published

MoE publication type: A1 Journal article-refereed

Organisations: Architecture, Research group: Urban Laboratory

Contributors: Aittasalo, M., Tiilikainen, J., Tokola, K., Seimelä, T., Sarjala, S., Metsäpuro, P., Hynynen, A., Suni, J., Sievänen, H., Vähä-Ypyä, H., Vaismaa, K., Vakkala, O., Foster, C., Titze, S., Vasankari, T.

Number of pages: 19

Publication date: 20 Oct 2017

Peer-reviewed: Yes

#### Publication information

Journal: International Journal of Environmental Research and Public Health

Volume: 14

Issue number: 10

ISSN (Print): 1661-7827

Ratings:

Scopus rating (2017): CiteScore 3.2 SJR 0.735 SNIP 1.027

Original language: English

Electronic versions:

[ijerph-14-01257-v2](#)

DOIs:

[10.3390/ijerph14101257](https://doi.org/10.3390/ijerph14101257)

URLs:

<http://urn.fi/URN:NBN:fi:tyy-201711082123>

Research output: Contribution to journal > Article > Scientific > peer-review

#### Linking demand and supply factors in identifying cultural ecosystem services of urban green infrastructures: A review of European studies

Abstract Urban green infrastructure provides a number of cultural ecosystem services that are greatly appreciated by the public. In order to benefit from these services, actual contact with the respective ecosystem is often required. Furthermore, the type of services offered depend on the physical characteristics of the ecosystem. We conducted a review of publications dealing with demand or social factors such as user needs, preferences and values as well as spatially explicit supply or physical factors such as amount of green space, (bio)diversity, recreational infrastructure, etc. and linking demand and supply factors together. The aim was to provide an overview of this highly interdisciplinary research, to describe how these linkages are being made and to identify which factors significantly influence dependent variables such as levels of use, activities or health and well-being benefits. Commonly used methods were the combination of questionnaires with either on-site visual recording of elements or GIS data. Links between social and physical data were usually established either by using statistical tools or by overlaying different thematic maps. Compared to the large number of variables assessed in most studies, the significant effects in the end were relatively few, not consistent across the studies and largely dependent on the context they were seen in. Studies focused on aesthetic and recreational services, while spiritual, educational and inspirational services were not considered when creating links to spatially explicit ecological structures. We conclude that an improvement and harmonization of methodologies, cross-country studies and an expansion of this line of research to a wider range of services and more user groups could help clarify relationships and thereby increase applicability for urban management and planning.

### General information

Publication status: Published

MoE publication type: A1 Journal article-refereed

Organisations: School of Architecture, Research group: Urban Planning

Contributors: Hegetschweiler, K. T., de Vries, S., Arnberger, A., Bell, S., Brennan, M., Siter, N., Olafsson, A. S., Voigt, A., Hunziker, M.

Number of pages: 12

Pages: 48-59

Publication date: Jan 2017

Peer-reviewed: Yes

Early online date: 13 Nov 2016

### Publication information

Journal: Urban Forestry and Urban Greening

Volume: 21

ISSN (Print): 1618-8667

Ratings:

Scopus rating (2017): CiteScore 3.9 SJR 1.037 SNIP 1.307

Original language: English

Keywords: Factors influencing well-being benefits, Linkage of social and physical data, Spatially explicit, Urban forestry, Urban green space

DOIs:

10.1016/j.ufug.2016.11.002

Source: RIS

Source ID: urn:9A2A4A2AE5A225AD9825430F312C0F39

Research output: Contribution to journal > Article > Scientific > peer-review

### An urban cellular automata model for simulating dynamic states on a local scale

In complex systems, flexibility and adaptability to changes are crucial to the systems' dynamic stability and evolution. Such resilience requires that the system is able to respond to disturbances by self-organizing, which implies a certain level of entropy within the system. Dynamic states (static, cyclical/periodic, complex, and chaotic) reflect this generative capacity, and correlate with the level of entropy. For planning complex cities, we need to develop methods to guide such autonomous progress in an optimal manner. A classical apparatus, cellular automaton (CA), provides such a tool. Applications of CA help us to study temporal dynamics in self-organizing urban systems. By exploring the dynamic states of the model's dynamics resulting from different border conditions it is possible to discover favorable set(s) of rules conducive to the self-organizing dynamics and enable the system's recovery at the time of crises. Level of entropy is a relevant measurement for evaluation of these dynamic states. The 2-D urban cellular automaton model studied here is based on the microeconomic principle that similar urban activities are attracted to each other, especially in certain self-organizing areas, and that the local dynamics of these enclaves affect the dynamics of the urban region by channeling flows of information, goods and people. The results of the modeling experiment indicate that the border conditions have a major impact on the model's dynamics generating various dynamic states of the system. Most importantly, it seemed that the model could simulate a favorable, complex dynamic state with medium entropy level which may refer to the continuous self-organization of the system. The model provides a tool for exploring and understanding the effects of boundary conditions in the planning process as various scenarios are tested: resulting dynamics of the system can be explored with such "planning rules" prior to decisions, helping to identify planning guidelines that will support the future evolution of these areas.

### General information



Publication status: Published  
MoE publication type: A1 Journal article-refereed  
Organisations: Architecture, Research group: Urban Planning and Design  
Contributors: Partanen, J.  
Publication date: 2017  
Peer-reviewed: Yes

#### Publication information

Journal: Entropy  
Volume: 19  
Issue number: 1  
Article number: 12  
ISSN (Print): 1099-4300  
Ratings:  
Scopus rating (2017): CiteScore 3.4 SJR 0.592 SNIP 1.189  
Original language: English  
ASJC Scopus subject areas: Physics and Astronomy(all)  
Keywords: Cellular automaton, Complexity theory, Dynamic states, Entropy, Evolution, Planning, Urban models  
Electronic versions:  
entropy-19-00012  
DOIs:  
10.3390/e19010012  
URLs:  
<http://urn.fi/URN:NBN:fi:ty-201705151397>  
Additional files:  
PARTANEN\_URBAN\_CELLULAR\_AUTOMATA\_MODEL  
Source: Scopus  
Source ID: 85009278908  
Research output: Contribution to journal > Article > Scientific > peer-review

#### Mitä arkkitehtuurista voi kertoa kuvataiteen avulla: Ville Lukkarisen kirjoitukset

##### General information

Publication status: Published  
MoE publication type: A1 Journal article-refereed  
Organisations: Architecture, Research group: Architecture: History and Theory  
Contributors: Koponen, O.  
Number of pages: 7  
Pages: 11-17  
Publication date: 2017  
Peer-reviewed: Yes

##### Publication information

Journal: TAIDEHISTORIALLISTIA TUTKIMUKSIA  
Issue number: 48  
ISSN (Print): 0355-1938  
Original language: Finnish  
Research output: Contribution to journal > Article > Scientific > peer-review

#### Muutoksen epistemologia ja resilienssin tilalliset strategiat: Maankäytön ja suunnittelun mukautumis- ja muuntautumiskykyä tarkastelemassa

The aim of this article is to question the capacity of our state-of-the-art urban planning and urban systems to adapt to continuous changes and disturbances in the operating environment. We contribute to the current debate of alleged rigidity of planning by observing adaptability and evolution from a spatial-functional systems angle. We argue that in an attempt to help cities adapt to uncertain futures, strategic planning would benefit from the epistemology of resilience and complex systems for a better performance. Resilience approach entails the notion that disturbances are non-avoidable and critical for the constant evolution of cities and regions. However, this knowledge lacks operationalisation in planning practice. We observe the adaptability of urban systems and planning by reflecting their qualitative resilience capacity, addressing implicit deficiencies due to hierarchical orientation and, propose a spatially oriented framework to help indicate resilience potential from urban morphological qualities.

##### General information

Publication status: Published  
MoE publication type: A1 Journal article-refereed

Organisations: School of Architecture, Research group: EDGE  
Contributors: Rantanen, A., Joutsiniemi, A.  
Publication date: Dec 2016  
Peer-reviewed: Yes

#### Publication information

Journal: Terra: Maantieteellinen Aikakauskirja  
Volume: 128

Issue number: 4  
ISSN (Print): 0040-3741

Ratings:

Scopus rating (2016): SJR 0.113 SNIP 0.136

Original language: Finnish

Research output: Contribution to journal › Article › Scientific › peer-review

#### Vacant residential buildings as potential reserves: a geographical and statistical study

Vacant housing has been associated with a variety of interests from economic implications and consequences for the urban structure to the possibility of providing housing for the homeless. In addition to these social and financial aspects, unused buildings have resources embedded in them. They take land from other activities and contain refined natural resources in the form of building components and materials. Therefore, empty buildings can be regarded as reserves for housing and repositories for urban mining, i.e. material extraction. In doing so, these buildings contribute to the resilience of cities. This geographical and statistical study on residential vacancies is situated in Finland, where empty homes may also keep using energy and producing emissions. The research material consists of a vast dataset of all residential buildings with vacancies in Finland in mid-2014, a total of 275 486 buildings with 1 100 267 occupied and 378 802 unoccupied dwellings (52% of the Finnish housing stock). The paper shows several characteristics that increase the understanding of vacancies and their role in the dynamics of the building stock. Public policy should address the issue of vacancy, not only because of social and economic implications but also because of its environmental impacts and opportunities.

#### General information

Publication status: Published

MoE publication type: A1 Journal article-refereed

Organisations: School of Architecture, Research group: Built Environment in Transition

Contributors: Huuhka, S.

Number of pages: 24

Pages: 816-839

Publication date: Sep 2016

Peer-reviewed: Yes

Early online date: 2 Dec 2015

#### Publication information

Journal: Building Research and Information

Volume: 44

Issue number: 8

ISSN (Print): 0961-3218

Ratings:

Scopus rating (2016): CiteScore 5.1 SJR 1.335 SNIP 1.586

Original language: English

Keywords: building stock, housing stock, obsolescence, redundancy, resilient housing, resource efficiency, shrinking cities, vacancy rates, vacant buildings, value conservation, Finland

Electronic versions:

Huuhka\_Vacant\_residential\_buildings\_as\_potential\_reserves-A\_geographical\_and\_statistical\_study\_Accepted\_Manuscript.

Embargo ended: 2/12/16

DOIs:

10.1080/09613218.2016.1107316

URLs:

<http://urn.fi/URN:NBN:fi:tty-201612294924>

Research output: Contribution to journal › Article › Scientific › peer-review

#### Accessibility improvement models for typical flats: Mass-customizable design for individual circumstances

Elderly housing policies in Finland emphasize aging in place and preparing the existing housing stock for the predicted increase in the aged population. Timely home modifications that enhance mobile accessibility are a focal target for these policies. This article introduces the idea of mass-customizable architectural accessibility improvement models (AIMs) that have been developed for typical Finnish flats. The applicability and generalizability of an AIM designed for an archetypal

two-room flat is tested by applying it to nine case buildings in the city of Tampere. The model was found to be beneficial for 42 of the 45 rooms in the research material.

#### General information

Publication status: Published

MoE publication type: A1 Journal article-refereed

Organisations: Research group: Built Environment in Transition, School of Architecture, Research group: ASUTUT

Contributors: Kaasalainen, T., Huuhka, S.

Number of pages: 24

Pages: 271-294

Publication date: 11 Aug 2016

Peer-reviewed: Yes

#### Publication information

Journal: Journal of Housing for the Elderly

Volume: 30

Issue number: 3

ISSN (Print): 0276-3893

Ratings:

Scopus rating (2016): CiteScore 1.2 SJR 0.312 SNIP 0.868

Original language: English

Keywords: housing, accessibility, renovation, elderly

Electronic versions:

Kaasalainen&Huuhka\_Accepted\_Manuscript

DOIs:

10.1080/02763893.2016.1198739

URLs:

<http://urn.fi/URN:NBN:fi:ty-201804041457>

Research output: Contribution to journal > Article > Scientific > peer-review

#### Imagined salad and steak restaurants: Consumers' colour, music and emotion associations with different dishes

The aim of the present study was to examine people's colour, music and emotion associations with dishes from two imagined restaurants. We conducted an experiment where we asked two study-participant groups to match interior colours, background music and desired emotional states for either a salad restaurant or a steak restaurant. To evoke associations we used two dish photos – a salad and a steak dish. The hypothesis was that the study participants would choose different background music and colours for different imagined restaurants. The results show that the most often selected colour, music and musically evoked and desired emotions in the salad group were Kiwi (lime colour) combined with Jazz, Pop and Soul music, and Peacefulness and Joyful Activation. In the steak group the selections were Bordeaux (dark-red colour) combined with Jazz and Classical music, and Peacefulness, Transcendence, Tenderness and Joyful Activation. The results were discussed in terms of articulation theory that is widely used in critical cultural studies. The differences between the groups showed that the study participants made different kinds of articulations: the answers in the steak group emphasized romantic classical music and luxury, while the salad group emphasized vital (healthy food, dancing) and hedonistic (joy, pleasure) values. The results indicate that: (1) generally people value peaceful eating environments; (2) people choose different visual and auditory stimuli for an eating environment depending on the food menu; and (3) customers, in this case, expect a connection to their previous cultural experiences with salad and steak restaurants.

#### General information

Publication status: Published

MoE publication type: A1 Journal article-refereed

Organisations: School of Architecture

Contributors: Kontukoski, M., Paakki, M., Thureson, J., Uimonen, H., Hopia, A.

Number of pages: 11

Pages: 1-11

Publication date: Jul 2016

Peer-reviewed: Yes

#### Publication information

Journal: International Journal of Gastronomy and Food Science

Volume: 4

ISSN (Print): 1878-450X

Ratings:

Scopus rating (2016): CiteScore 1 SJR 0.472 SNIP 1.199

Original language: English

Keywords: Colour of food, Music, Emotion, Eating environment, Articulation theory

DOIs:

10.1016/j.ijgfs.2016.04.001

Source: RIS

Source ID: urn:1F2332B75B3B0B67C3F9D13A4111792F

Research output: Contribution to journal › Article › Scientific › peer-review

### **Architecture beyond signs and symbols : Zumthor's response to the problems of aesthetics**

#### **General information**

Publication status: Published

MoE publication type: A1 Journal article-refereed

Organisations: School of Architecture, Research group: History of Architecture

Contributors: Passinmäki, P.

Number of pages: 4

Pages: 325-328

Publication date: 12 May 2016

Peer-reviewed: Yes

#### **Publication information**

Journal: ARQ-Architectural Research Quarterly

Volume: 19

Issue number: 4

ISSN (Print): 1359-1355

Ratings:

Scopus rating (2016): CiteScore 0.2 SJR 0.127 SNIP 0.249

Original language: English

DOIs:

10.1017/S1359135516000038

Research output: Contribution to journal › Article › Scientific › peer-review

### **Political, practical and architectural notion of the concept of the right to the city in neighbourhood regeneration**

Informed by Henry Lefebvre's concept of the right to the city, this article discusses the issues of neighbourhood regeneration in two Finnish suburban residential neighbourhoods. The selected neighbourhoods represent relatively poor suburban areas with a high percentage of ethnic minority populations. The intention is to disclose some of the problems and potentials for participatory planning and design practices in these areas – processes that could carry out the ideals of the right to the city in urban regeneration – and to suggest that for this purpose, an interdisciplinary understanding of the relevance of current population changes in urban environment is needed.

#### **General information**

Publication status: Published

MoE publication type: A1 Journal article-refereed

Organisations: Architecture

Contributors: Maununaho, K.

Number of pages: 7

Pages: 58-64

Publication date: 6 Apr 2016

Peer-reviewed: Yes

#### **Publication information**

Journal: Nordic Journal of Migration Research

Volume: 6

Issue number: 1

ISSN (Print): 1799-649X

Original language: English

Keywords: right to the city, urbanisation in Finland, urban regeneration, spatial differentiation, participatory planning and design

DOIs:

10.1515/njmr-2016-0008

Research output: Contribution to journal › Article › Scientific › peer-review

### **An Assessment of Errors and Their Reduction in Terrestrial Laser Scanner Measurements in Marmorean Surfaces**

The need for accurate documentation for the preservation of cultural heritage has prompted the use of terrestrial laser scanner (TLS) in this discipline. Its study in the heritage context has been focused on opaque surfaces with lambertian reflectance, while translucent and anisotropic materials remain a major challenge. The use of TLS for the mentioned

materials is subject to significant distortion in measure due to the optical properties under the laser stimulation. The distortion makes the measurement by range not suitable for digital modelling in a wide range of cases. The purpose of this paper is to illustrate and discuss the deficiencies and their resulting errors in marmorean surfaces documentation using TLS based on time-of-flight and phase-shift. Also proposed in this paper is the reduction of error in depth measurement by adjustment of the incidence laser beam. The analysis is conducted by controlled experiments.

#### General information

Publication status: Published  
MoE publication type: A1 Journal article-refereed  
Organisations: School of Architecture  
Contributors: Garcia-Fernandez, J.  
Number of pages: 11  
Pages: 1-11  
Publication date: 1 Mar 2016  
Peer-reviewed: Yes

#### Publication information

Journal: 3D Research  
Volume: 7  
Issue number: 1  
Article number: 2  
ISSN (Print): 2092-6731  
Ratings:  
Scopus rating (2016): CiteScore 1.3 SJR 0.166 SNIP 0.425  
Original language: English  
ASJC Scopus subject areas: Electrical and Electronic Engineering, Software  
Keywords: Comparison, Experimental, Laser scanning, Marble, Measurement, Translucency  
DOIs:  
10.1007/s13319-015-0077-0  
Source: Scopus  
Source ID: 84955495304  
Research output: Contribution to journal › Article › Scientific › peer-review

#### Homogenous homes of Finland: 'Standard' flats in non-standardized blocks

Several authors have successfully created and employed vintage cohorts and housing typologies in research addressing energy renovation needs in the existing dwelling stock. This paper suggests that the idea of types would be useful in creating living quality-related renovation and adaptation concepts for homes. These concepts could be used for increasing the accessibility and individuality of flats and easing life in cramped conditions by means of design. Therefore, the study tests the approach by examining the plan design of flats in one cohort: the Finnish 1960–80s' dwelling stock. A total of 320 apartment blocks with 8745 flats in 51 cities are examined. The study identifies 18 different types of flats, which are based on 10 basic layouts, representing over 80% of all flats. Although the housing production of this era was characterized by cost-efficiency and industrialized prefabrication technologies, the result can be deemed somewhat surprising. This is because the building layouts were never standardized in Finland: only the production technology was standardized. The identified flat types are estimated to cover as much as one-third of all existing Finnish flats. These findings provide future opportunities for creating new mass-tailored renovation concepts.

#### General information

Publication status: Published  
MoE publication type: A1 Journal article-refereed  
Organisations: Research group: Built Environment in Transition, Research group: ASUTUT, School of Architecture,  
Research group: Built Environment in Transition  
Contributors: Kaasalainen, T., Huuhka, S.  
Number of pages: 19  
Pages: 229-247  
Publication date: 2016  
Peer-reviewed: Yes  
Early online date: 25 Jun 2015

#### Publication information

Journal: Building Research and Information  
Volume: 44  
Issue number: 3  
ISSN (Print): 0961-3218  
Ratings:  
Scopus rating (2016): CiteScore 5.1 SJR 1.335 SNIP 1.586

Original language: English

Keywords: apartment buildings, archetypes, building research, building stock, flats, housing stock, internal space, typology, vintage cohorts, Finland

Electronic versions:

Kaasalainen & Huuhka - Homogeneous homes of Finland Accepted Manuscript. Embargo ended: 25/06/16

DOIs:

10.1080/09613218.2015.1055168

URLs:

<http://urn.fi/URN:NBN:fi:tty-201606304320>

Research output: Contribution to journal › Article › Scientific › peer-review

### **Liquid Planning, Wiki-Design - Learning from the Case Pispala**

As the key aspects of theories of complex systems have been established, the premises for academic research on planning and on planning praxis still necessitates the development of novel planning tools and approaches to address inevitable urban self-organizing transformations. We have accepted that cities emerge from bottom up. However, planning methods simulating this emergence are still limited. Progress has been made in recent decades and many systemic, evolutionary, and computing based planning approaches have been proposed. The work here builds on these premises. In network theoretical, computational, and democracy discourses, proxy or liquid approaches have been proposed to have potential for genuinely democratic forms of decision-making. More importantly they provide a method for information organization from bottom up in a digital platform. This process actually follows the very principles of self-organization of information in information or cognitive sciences: entropy decreases as the “bits” of information are self-organizing into coherent classes. These principles could be applied in bottom up planning approach as well. For this purpose, and to bring this discourse closer to the planning realm, I compared here the conceptualized structures of Liquid Democracy, SIRN cognitive model and prior self-organizing planning proposals to a bottom up planning experiment in Pispala neighborhood, Tampere, Finland. I evaluated its capacity for self-organization of information and hypothesized the case provides a frame for a new self-organizing planning method. Based on this evaluation a structure for a digitalized Liquid Planning procedure is suggested and discussed.

#### **General information**

Publication status: Published

MoE publication type: A1 Journal article-refereed

Organisations: School of Architecture, Research group: Urban Planning Theory

Contributors: Partanen, J.

Pages: 997-1018

Publication date: 2016

Peer-reviewed: Yes

#### **Publication information**

Journal: Environment & Planning B: Planning and Design

Volume: 43

Issue number: 6

ISSN (Print): 0265-8135

Ratings:

Scopus rating (2016): CiteScore 2.8 SJR 0.704 SNIP 1.008

Original language: English

DOIs:

10.1177/0265813516647965

Research output: Contribution to journal › Article › Scientific › peer-review

### **Asemanseudut ja osaamisvetoisen kaupunkikehittämisen kolmas aalto**

#### **General information**

Publication status: Published

MoE publication type: A1 Journal article-refereed

Organisations: School of Architecture, Research group: Urban Laboratory, University of Tampere

Contributors: Hynynen, A., Kolehmainen, J.

Publication date: 2016

Peer-reviewed: Yes

#### **Publication information**

Journal: Yhdyskuntasuunnittelu

Volume: 54

Issue number: 4

ISSN (Print): 1459-6806

Original language: Finnish

URLs:

<http://www.yss.fi/journal/asepanseudet-ja-osaamisvetoisen-kaupunkikehittamisen-kolmas-aalto/>

Research output: Contribution to journal › Article › Scientific › peer-review

### **Alvar Aalto and the industrial origins of Finnish 1940s community planning**

In Finland the construction of post-war neighbourhoods started in 1950, but its ideological background was in the planning of the 1940s. As has been shown, the principles of Anglo-American neighbourhood unit planning and regional planning influence the structural principles that were adopted for neighbourhood units. This paper presents another narrative for the period by analysing the work of the architect Alvar Aalto, who was a pioneer of Finnish regional planning and was significantly active in community planning. After having established good relations with Finnish industry, he got the chance to develop his own community planning principles. They became close to the principles of neighbourhood unit planning but, at the same time, were personal and extended beyond them. This paper examines in closer detail three of Aalto's plans and the way he combined planning and building design. In this way it is possible to better understand the ideas of the 1940s and the importance of Finnish industry during this time. Aalto's activity during the 1940s also explains his success in later decades.

#### **General information**

Publication status: Published

MoE publication type: A1 Journal article-refereed

Organisations: Architecture, Research group: Urban Planning and Design

Contributors: Norvasuo, M.

Pages: 227-251

Publication date: 2016

Peer-reviewed: Yes

#### **Publication information**

Journal: Planning Perspectives

Volume: 31

Issue number: 2

ISSN (Print): 0266-5433

Ratings:

Scopus rating (2016): CiteScore 1.1 SJR 0.487 SNIP 1.601

Original language: English

Electronic versions:

Norvasuo 2016 accepted manuscript

DOIs:

10.1080/02665433.2015.1065756

URLs:

<http://urn.fi/URN:NBN:fi:tuni-202003032471>

Research output: Contribution to journal › Article › Scientific › peer-review

### **Potential and Barriers for Reusing Load-Bearing Building Components in Finland**

The European Waste Framework Directive, as set forth by the European Union in 2008, introduced a waste hierarchy that prioritizes reuse of waste over recycling whenever technically feasible and financially possible. In the field of construction, life cycle analyses on different materials have shown that reuse of structures possesses a remarkable carbon saving potential. This is the main asset that reuse has over virgin and recycled materials, although many other opportunities have also been recognized. Nevertheless, reuse has not gained ground in Western industrialized societies such as Finland. The barriers hindering reuse have been documented in the literature and they include cost, quality, quantity, perception and trust, among others.

In this study, a panel of experts working within construction and recycling industries, research and administration was surveyed about the reuse potential of prefabricated load-bearing components made of different materials in the Finnish context. In addition, the panellists were requested to identify the main barriers obstructing the reuse of the aforementioned components. The materials include concrete, steel and timber, which cover the majority of contemporary construction in Finland. The respondents evaluated that prefabricated steel has the highest reuse potential and concrete the lowest. The future potential of timber was seen as nearly equal to the potential of steel. In general, columns and beams were estimated to have better reuse potential than floor slabs and roof trusses. The potential of sandwich panels was evaluated to be the lowest.

The survey answers point out a number of issues that need addressing in order to enable reuse of components in large scale and in industrial construction. These results may not only have implications for recycling but for the technologies used in new construction as well. Especially prefabricated concrete was seen to be burdened by not being designed for deconstruction. However, it is the lack of an established practice that seems to be the main barrier for reusing steel and concrete. Technological constraints and physical properties may nonetheless delimit the utilization of some components.

As for timber, its nature as a biodegradable material seems to form the main handicap for reuse, restraining the demand. Remarkably, cost of reuse was not seen to be among the most significant barriers, unlike other studies suggest.

#### **General information**

Publication status: Published

MoE publication type: A1 Journal article-refereed

Organisations: Life Cycle Effectiveness of the Built Environment (LCE@BE), School of Architecture, Research group: Built Environment in Transition

Contributors: Huuhka, S., Hakanen, J.

Number of pages: 10

Pages: 215-224

Publication date: 23 Sep 2015

Peer-reviewed: Yes

#### **Publication information**

Journal: International Journal for Housing Science and Its Applications

Volume: 39

Issue number: 4

ISSN (Print): 0146-6518

Ratings:

Scopus rating (2015): CiteScore 0.1 SJR 0.121 SNIP 0.214

Original language: English

Keywords: reuse, recycling, waste, sustainability, Resilience, survey

#### **Bibliographical note**

AUX=ark,"Hakanen, Jani"

Research output: Contribution to journal > Article > Scientific > peer-review

#### **Indicators for self-organization potential in urban context**

Self-organization is a basic mechanism by which complex urban systems organize themselves. This mechanism emerges from individual agents' local interactions, often with unpredictable consequences at the regional level. These emergent patterns cannot be controlled by traditional hierarchical methods, but they can be steered and encouraged towards desirable goals. Self-organization is often used as an allegory for all 'unplanned' activity in cities. It is important to study the actual mechanisms of self-organization in cities to link the theory of self-organization to planning praxis. This work builds on ongoing work exploring novel complex planning tools and methods. Here I explore the key features of open dynamic systems identified in the literature as indicators of self-organizing capacity. I study their applicability in urban spatial planning, and propose three measurable characteristics for estimating the self-organization potential of urban activities. Flow reflects generic accessibility, and is measured using space syntax. Internal order refers to autonomously organizing entities, in this case the clustering tendencies of activities. Enriching rests upon increasing complexity and is measured as changes in degrees of entropy over time. The results indicate that (1) the study area meets the criteria for self-organization, and (2) these characteristics can be applied to discover nodes of higher potential for self-organization in a city.

#### **General information**

Publication status: Published

MoE publication type: A1 Journal article-refereed

Organisations: School of Architecture, Research group: Urban Planning Theory

Contributors: Partanen, J.

Number of pages: 21

Pages: 951-971

Publication date: 19 Sep 2015

Peer-reviewed: Yes

#### **Publication information**

Journal: Environment & Planning B: Planning and Design

Volume: 42

Issue number: 5

ISSN (Print): 0265-8135

Ratings:

Scopus rating (2015): CiteScore 2.5 SJR 0.572 SNIP 1.077

Original language: English

ASJC Scopus subject areas: Environmental Science(all), Geography, Planning and Development

Keywords: complexity, innovation, planning, self-organization, urban evolution

DOIs:

10.1068/b140064p



URLs:

<http://www.scopus.com/inward/record.url?scp=84941798840&partnerID=8YFLogxK> (Link to publication in Scopus)

Source: Scopus

Source ID: 84941798840

Research output: Contribution to journal › Article › Scientific › peer-review

### **Reusing concrete panels from buildings for building: Potential in Finnish 1970s mass housing**

A remarkable share of European mass housing was built with large-panel systems during the 1960s and 1970s. In many countries, this stock is already being demolished or demolition is discussed due to vacancies or social problems. This trend may result in the creation of an unforeseeable amount of concrete waste. Simultaneously, EU has issued the Waste Framework Directive aiming at reuse instead of recycling. Unlike in situ cast concrete, reclaimed prefabricated concrete panels from mass housing carry the potential for reuse. The purpose of this study is to review the reuse potential embedded in Finland's mass housing stock from the perspective of the dimensions of the panels and spaces, i.e., their suitability for architectural (plan) design. The research material consists of architectural drawings of 276 blocks of flats that contain over 26 000 prefabricated wall panels and nearly 14 000 hollow-core slabs, the dimensions of which are compared to current norms and guidelines for dimensioning living spaces. The technical prerequisites for reuse are reviewed with the help of literature. The study results in identifying an inventory of panels typical to Finnish precast concrete construction, which, in principle, should not exist because the building plans were not standardized but were supposed to be unique. The panels are found to be still usable in architectural (plan) design of detached houses, which form one third of annual residential production in Finland.

#### **General information**

Publication status: Published

MoE publication type: A1 Journal article-refereed

Organisations: Research group: Service Life Engineering of Structures, Life Cycle Effectiveness of the Built Environment (LCE@BE), School of Architecture, Department of Civil Engineering, Research group: Built Environment in Transition

Contributors: Huuhka, S., Kaasalainen, T., Hakanen, J. H., Lahdensivu, J.

Number of pages: 17

Pages: 105-121

Publication date: 17 Aug 2015

Peer-reviewed: Yes

Early online date: 15 Jun 2015

#### **Publication information**

Journal: Resources Conservation and Recycling

Volume: 101

Article number: 3029

ISSN (Print): 0921-3449

Ratings:

Scopus rating (2015): CiteScore 5.5 SJR 1.284 SNIP 1.964

Original language: English

ASJC Scopus subject areas: Waste Management and Disposal, Economics and Econometrics

Keywords: Construction and demolition waste, Deconstruction, Dimensions, Precast concrete panels, Reuse, Salvage

Electronic versions:

Huuhka\_et\_al\_Reusing\_concrete\_panels\_from\_buildings\_for\_building\_Accepted\_Manuscript. Embargo ended: 15/06/17

DOIs:

[10.1016/j.resconrec.2015.05.017](https://doi.org/10.1016/j.resconrec.2015.05.017)

URLs:

<http://urn.fi/URN:NBN:fi:tty-201707261628>. Embargo ended: 15/06/17

URLs:

<http://www.scopus.com/inward/record.url?scp=84931260052&partnerID=8YFLogxK> (Link to publication in Scopus)

#### **Bibliographical note**

ORG=ark,0.95

ORG=rak,0.05

Source: Scopus

Source ID: 84931260052

Research output: Contribution to journal › Article › Scientific › peer-review

### **Library as a Partner in Co-Designing Learning Spaces: A Case Study at Tampere University of Technology, Finland**

This article presents a case of co-designed temporary learning spaces at a Finnish academic library, together with the results of a user-survey. The experimental development of the multifunctional spaces offered an opportunity for the library to collaborate with its parent organisation thus broadening the role of the library. Hence, library can be seen as a third player facilitating learning spaces. Additionally, the library's own expertise was strengthened through successful

cooperation with the undergraduate students and other actors. The results support prior research, where studying in the library is target-oriented differing from other learning spaces in providing support and resources.

#### General information

Publication status: Published

MoE publication type: A1 Journal article-refereed

Organisations: Library, School of Architecture, Research group: Public Buildings

Contributors: Tevaniemi, J., Poutanen, J., Lähdemäki, R.

Number of pages: 21

Pages: 304-324

Publication date: 7 May 2015

Peer-reviewed: Yes

#### Publication information

Journal: New Review of Academic Librarianship

Volume: 21

Issue number: 3

ISSN (Print): 1361-4533

Ratings:

Scopus rating (2015): CiteScore 1.1 SJR 0.648 SNIP 0.763

Original language: English

ASJC Scopus subject areas: Library and Information Sciences

Keywords: co-design, cooperation, learning commons, learning spaces, undergraduate students

DOIs:

10.1080/13614533.2015.1025147

URLs:

<http://urn.fi/URN:NBN:fi:tty-201706261618>

#### Bibliographical note

publication\_forum:64000

Source: Scopus

Source ID: 84940725712

Research output: Contribution to journal › Article › Scientific › peer-review

#### School travel mode choice and the characteristics of the urban built environment: The case of Helsinki, Finland

As observed in several previous studies, the nature of the urban structure can affect children's mode of transportation to school. In this paper, we identify and investigate, in the Finnish context, the elements of the urban structure around homes and en route to school that promote children's ability to walk or cycle to school, using the conceptual domains proposed by Mitra (2013) to frame the work.

The associations discovered can, to a large extent however, be viewed as contrasting significantly with those identified in previous research, as an increase in the variables, essentially indicating urbanity, decreased the likelihood of the children walking or cycling to school. This is due to the existence of a well-functioning public transportation network in the Helsinki region. The associations were more significantly associated with the environment en route to school than with the environment around homes. This research improves our understanding of active school transportation behaviour in an environment that is already relatively supportive of active transportation and independent mobility by offering a well-functioning public transportation system. (C) 2014 Elsevier Ltd. All rights reserved.

#### General information

Publication status: Published

MoE publication type: A1 Journal article-refereed

Organisations: School of Architecture, Research group: EDGE, Aalto Univ, Aalto University, Dept Real Estate Planning & Geoinformat

Contributors: Broberg, A., Sarjala, S.

Number of pages: 10

Pages: 1-10

Publication date: Jan 2015

Peer-reviewed: Yes

#### Publication information

Journal: Transport Policy

Volume: 37

ISSN (Print): 0967-070X

Ratings:

Scopus rating (2015): CiteScore 3.8 SJR 1.403 SNIP 1.521

Original language: English

Keywords: Children, Youth, Active transport, Independent mobility, GIS, PHYSICAL-ACTIVITY, FUTURE-RESEARCH, ACTIVE TRAVEL, NEIGHBORHOOD ENVIRONMENT, INDEPENDENT MOBILITY, CHILDREN, FRAMEWORK, TRANSPORTATION, YOUTH, TRIP

DOIs:

10.1016/j.tranpol.2014.10.011

Source: WOS

Source ID: 000347594100001

Research output: Contribution to journal › Article › Scientific › peer-review

### **A comparative study of urban form**

This paper compares four different approaches to urban morphology: historico-geographical, process typological, space syntax, and spatial analytical. It explores in particular the use of four fundamental concepts proposed in these approaches: morphological region, typological process, spatial configuration, and cell. The four concepts are applied in a traditional gateway area of the city of Porto, Portugal. The area includes considerable variety of urban form. The main purpose is to understand how to combine and co-ordinate these approaches so as to improve the description, explanation and prescription of urban form.

### **General information**

Publication status: Published

MoE publication type: A1 Journal article-refereed

Organisations: School of Architecture, Research group: Urban Planning Theory, Univ Porto, Universidade do Porto, Fac Med, Dept Med Imaging, Universidade do Porto, Faculdade de Engenharia, 17.07.2006, Centro de Investigação do Território, Transportes E Ambiente, Universidade do Porto, CM Arquiteta

Contributors: Oliveira, V., Monteiro, C., Partanen, J.

Number of pages: 20

Pages: 73-92

Publication date: 2015

Peer-reviewed: Yes

### **Publication information**

Journal: Urban Morphology

Volume: 19

Issue number: 1

ISSN (Print): 1027-4278

Ratings:

Scopus rating (2015): CiteScore 1.3 SJR 0.141 SNIP 1.26

Original language: English

ASJC Scopus subject areas: Urban Studies, Archaeology, Archaeology

Keywords: Conzenian school, Muratorian school, Space syntax, Spatial analysis, Urban form

URLs:

<http://www.scopus.com/inward/record.url?scp=84927724787&partnerID=8YFLogxK> (Link to publication in Scopus)

Source: Scopus

Source ID: 84927724787

Research output: Contribution to journal › Article › Scientific › peer-review

### **Children and youth transport in different urban morphological types**

As demonstrated in many earlier studies, the qualities of physical environment have great impacts on physical activity (PA) behavior. However, studying individual built environmental variables often produces contradictory effects between studies. To overcome this, we composed multivariate environmental types using principal component analysis that take notice of the inter-correlations between the physical environmental variables. To get a realistic view of the places children and adolescents visit in their daily life, we used mapping methodology where children themselves defined their important places. Based on 16 built environmental variables, six built environmental types were composed around these places.

We found that walking and cycling was most prominent in residential environments and least common in mixed use areas with offices. Environments with big commercial buildings as well as green environments had the highest proportions of car use. Most places, in general, were visited with friends, but most typically, areas with big commercial buildings and mixed use areas with offices were reached in the company of friends. Relatively many places were visited alone in residential areas.

### **General information**

Publication status: Published

MoE publication type: A1 Journal article-refereed

Organisations: School of Architecture, Research group: EDGE, Research group: Urban Laboratory, Aalto University

Contributors: Sarjala, S., Broberg, A., Hynynen, A.  
Number of pages: 17  
Pages: 87-103  
Publication date: 2015  
Peer-reviewed: Yes

#### **Publication information**

Journal: The Journal of Transport and Land Use

Volume: 9

Issue number: 2

ISSN (Print): 1938-7849

Ratings:

Scopus rating (2015): CiteScore 2.1 SJR 0.748 SNIP 1.163

Original language: English

DOIs:

10.5198/jtlu.2015.803

Research output: [Contribution to journal](#) › [Article](#) › [Scientific](#) › [peer-review](#)

#### **Stirring the Construction Project Management with Co-creation and Continuous Improvement**

Abstract Gathering information that is capable to explain customers' needs is usually seen as a quite straightforward part of the traditional construction process: a customer should be able to tell all relevant needs in the first stage so that a building could be designed and built according to the gained information. But the process is lacking of service abilities if a customer wants to modify the given information due to a change in circumstances, albeit such a change is easily caused due turbulent economic situations and long spans in real-estate development projects. Hence the customer perspective regarding the construction management (CM) process should be accommodated better. In this paper, the case studies of the four premises improvement projects are reported upon, where the CM process was altered to include and apply the concepts of continuous improvement and co-creation. The process documentation covered the impacts of the case project on the usability of the premises, the indoor climate conditions (carbon dioxide and temperature) metering, the time lapse cameras and the on-line user feedback system. The documentation consists of the minutes of the meetings, the financial reporting and the time tables. Both the processes and the results of the projects are analysed. Based on the key findings, some suggestions are put forth upon how to improve the CM process to better serve customer interests and quality improvement in the future.

#### **General information**

Publication status: Published

MoE publication type: A1 Journal article-refereed

Organisations: Department of Civil Engineering, Research group: Digitalization in the real estate and construction sector, School of Architecture

Contributors: Savolainen, J., Kähkönen, K., Niemi, O., Poutanen, J., Varis, E.

Number of pages: 8

Pages: 64-71

Publication date: 2015

Peer-reviewed: Yes

#### **Publication information**

Journal: Procedia Economics and Finance

Volume: 21

ISSN (Print): 2212-5671

Original language: English

Keywords: Co-creation, construction management, continuous improvement, customer relations management, quality management

DOIs:

10.1016/S2212-5671(15)00151-3

#### **Bibliographical note**

ORG=rak,1

ORG=ark,0

Source: RIS

Source ID: urn:76EF98A938A43DE456AFD5111BF4116C

Research output: [Contribution to journal](#) › [Article](#) › [Scientific](#) › [peer-review](#)

#### **Ainutkertaisten tarpeiden tragedia**

#### **General information**

Publication status: Published  
MoE publication type: A1 Journal article-refereed  
Organisations: School of Architecture, Research group: EDGE  
Contributors: Joutsiniemi, A.  
Publication date: 2015  
Peer-reviewed: Yes

#### **Publication information**

Journal: Yhdyskuntasuunnittelu  
Volume: 53  
Issue number: 2  
ISSN (Print): 1459-6806  
Original language: Finnish  
URLs:

<http://www.yss.fi/journal/ainutkertaisten-tarpeiden-tragedia/>

Research output: Contribution to journal › Editorial › Scientific › peer-review

#### **Paluu ojankaivajien valtakuntaan**

##### **General information**

Publication status: Published  
MoE publication type: A1 Journal article-refereed  
Organisations: School of Architecture, Research group: EDGE  
Contributors: Joutsiniemi, A.  
Publication date: 2015  
Peer-reviewed: Yes

##### **Publication information**

Journal: Yhdyskuntasuunnittelu  
Volume: 53  
Issue number: 1  
ISSN (Print): 1459-6806  
Original language: English  
URLs:

<http://www.yss.fi/journal/paluu-ojankaivajien-valtakuntaan-2/>

Research output: Contribution to journal › Editorial › Scientific › peer-review

#### **Once palabras para acercarse al vidrio**

This paper focuses on one of the substances that has contributed, particularly in the last two centuries, in an ambiguous, complex and elusive way, to the construction of that what Heidegger calls "Frontiers": Glass. It explores how those glass frontiers, thanks to their optical properties (the interaction of light and gaze with glass as a mediator between the two), contribute to trigger a series of situations, phenomena and feelings that exceed the study of the material from a purely scientific point of view. We have chosen to reflect over eleven words (phantasmagoria, estrangement, hierarchy, intimacy, seduction, absorption, silence, time, dematerialization, materialization, invisibility). This discussion is accompanied by a series of pictures and film frames that express how architecture makes use of some of the most ungraspable qualities of this paradoxical material, namely, transparency and reflectance. These properties are sometimes used in a premeditated manner and sometimes unexpectedly. Glass is a medium that expresses or reflects certain human conditions, thus exceeding the mere physical nature of the material.

##### **General information**

Publication status: Published  
MoE publication type: A1 Journal article-refereed  
Organisations: Universidad Camilo José Cela  
Contributors: Rubio Hernandez, R.  
Number of pages: 14  
Pages: 144-157  
Publication date: 2015  
Peer-reviewed: Yes

##### **Publication information**

Journal: Zarch  
Issue number: 4  
ISSN (Print): 2341-0531  
Original language: Spanish  
Keywords: Frontier, Glass, Light, Gaze, Transparency, Reflectance  
URLs:

<http://zarch.unizar.es/index.php/es/numeros/numeros-publicados/numero-4/once-palabras-para-acercarse-al-vidrio>  
Research output: Contribution to journal › Article › Scientific › peer-review

## **Eliel Saarinen ja korkean rakentamisen ristiriita**

### **General information**

Publication status: Published  
MoE publication type: A1 Journal article-refereed  
Organisations: School of Architecture  
Contributors: Chudoba, M.  
Number of pages: 16  
Pages: 13-28  
Publication date: 2014  
Peer-reviewed: Yes

### **Publication information**

Journal: Yhdyskuntasuunnittelu  
Volume: 52  
Issue number: 1  
ISSN (Print): 1459-6806  
Original language: Finnish

### **Bibliographical note**

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2014-12-30  
Source: researchoutputwizard  
Source ID: 232  
Research output: Contribution to journal › Article › Scientific › peer-review

## **Digitaalista ja elähtänyttä**

### **General information**

Publication status: Published  
MoE publication type: A1 Journal article-refereed  
Organisations: School of Architecture, Research group: EDGE  
Contributors: Joutsiniemi, A.  
Publication date: 2014  
Peer-reviewed: Yes

### **Publication information**

Journal: Yhdyskuntasuunnittelu  
Volume: 52  
Issue number: 4  
ISSN (Print): 1459-6806  
Original language: Finnish  
URLs:

<http://www.yss.fi/journal/digitaalista-ja-elahtanytta/>  
Research output: Contribution to journal › Editorial › Scientific › peer-review

## **Tieteen tuhti perspuoli**

### **General information**

Publication status: Published  
MoE publication type: A1 Journal article-refereed  
Organisations: School of Architecture, Research group: EDGE  
Contributors: Joutsiniemi, A.  
Publication date: 2014  
Peer-reviewed: Yes

### Publication information

Journal: Yhdyskuntasuunnittelu

Volume: 52

Issue number: 3

ISSN (Print): 1459-6806

Original language: Finnish

URLs:

<http://www.yss.fi/journal/tieteen-tuhti-perspuoli/>

Research output: Contribution to journal › Editorial › Scientific › peer-review

### Fraktaalit alueellisuuden perustaa murentamassa

#### General information

Publication status: Published

MoE publication type: A1 Journal article-refereed

Organisations: School of Architecture, Research group: EDGE

Contributors: Joutsiniemi, A.

Publication date: 2014

Peer-reviewed: Yes

#### Publication information

Journal: Yhdyskuntasuunnittelu

Volume: 52

Issue number: 4

ISSN (Print): 1459-6806

Original language: Finnish

URLs:

<http://www.yss.fi/journal/fraktaalit-alueellisuuden-perustaa-murentamassa/>

Research output: Contribution to journal › Literature review › Scientific › peer-review

### Peukuttelevaa osallistumista ja ilon kautta suunnittelua

#### General information

Publication status: Published

MoE publication type: A1 Journal article-refereed

Organisations: School of Architecture, Research group: EDGE

Contributors: Joutsiniemi, A.

Publication date: 2014

Peer-reviewed: Yes

#### Publication information

Journal: Yhdyskuntasuunnittelu

Volume: 52

Issue number: 1

ISSN (Print): 1459-6806

Original language: Finnish

URLs:

<http://www.yss.fi/journal/peukuttelevaa-osallistumista-ja-ilon-kautta-suunnittelua/>

Research output: Contribution to journal › Editorial › Scientific › peer-review

### Uusilla menetelmillä kiinni kokemukselliseen tietoon

#### General information

Publication status: Published

MoE publication type: A1 Journal article-refereed

Organisations: School of Architecture

Contributors: Santaoja, M., Leino, H., Chudoba, M., Bamberg, J., Nieminen, J.

Number of pages: 2

Pages: 1-3

Publication date: 2013

Peer-reviewed: Yes

#### Publication information

Journal: Versus  
Volume: 4  
Issue number: 1  
ISSN (Print): 2242-3443  
Original language: Finnish  
URLs:  
[http://www.ays.fi/versus/pdf/versus\\_4\\_1.pdf](http://www.ays.fi/versus/pdf/versus_4_1.pdf)  
<http://www.ays.fi/versus/>

#### **Bibliographical note**

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2013-12-29<br/>Publisher name: Alue- ja ympäristötutkimuksen seura ry.  
Source: researchoutputwizard  
Source ID: 3361  
Research output: Contribution to journal > Article > Scientific > peer-review

### **From momentary to historic: Rhythms in the social production of urban space, the case of Calçada de Sant'Ana, Lisbon**

#### **General information**

Publication status: Published  
MoE publication type: A1 Journal article-refereed  
Organisations: School of Architecture, Institute of Society and Space (SOCIS)  
Contributors: Lehtovuori, P., Koskela, H.  
Pages: 124-143  
Publication date: 2013  
Peer-reviewed: Yes

#### **Publication information**

Journal: Sociological Review  
Volume: 61  
Issue number: Suppl. 1  
ISSN (Print): 0038-0261  
Ratings:  
Scopus rating (2013): CiteScore 1.6 SJR 0.947 SNIP 1.598  
Original language: English  
DOIs:  
10.1111/1467-954X.12057

#### **Bibliographical note**

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2013-12-29  
Source: researchoutputwizard  
Source ID: 2761  
Research output: Contribution to journal > Article > Scientific > peer-review

### **Can the new cosmology, cosmogenesis, serve as a basis for a shared value system in architecture? On Charles Jencks**

#### **General information**

Publication status: Published  
MoE publication type: A1 Journal article-refereed  
Organisations: School of Architecture  
Contributors: Passinmäki, P.  
Number of pages: 5  
Pages: 19-23  
Publication date: 2013  
Peer-reviewed: Yes

#### **Publication information**

Journal: ARQ-Architectural Research Quarterly  
Volume: 17  
Issue number: 1  
ISSN (Print): 1359-1355  
Ratings:  
Scopus rating (2013): CiteScore 0.2 SJR 0.123 SNIP 0.133



Original language: English  
DOIs:  
10.1017/S1359135513000316

#### **Bibliographical note**

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2013-12-29<br/>Publisher name: Cambridge University Press

Source: researchoutputwizard  
Source ID: 3103

Research output: Contribution to journal › Article › Scientific › peer-review

### **Yhdyskuntasuunnittelun tulevaisuuksiin tähyämässä**

#### **General information**

Publication status: Published  
MoE publication type: A1 Journal article-refereed  
Organisations: School of Architecture  
Contributors: Joutsiniemi, A., Jääskeläinen, L., Ahonen, A., Roos, J., Paqvalin, R., Reijula, K., Ahonen, A., Tuomioja, E., Lodenius, S., Marjanen, H.  
Pages: 11-55  
Publication date: 2013  
Peer-reviewed: Yes

#### **Publication information**

Journal: Yhdyskuntasuunnittelu  
Volume: 51  
Issue number: 2  
ISSN (Print): 1459-6806  
Original language: Finnish

#### **Bibliographical note**

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2013-12-29

Source: researchoutputwizard  
Source ID: 2430

Research output: Contribution to journal › Article › Scientific › peer-review

### **Towards experiential urbanism**

#### **General information**

Publication status: Published  
MoE publication type: A1 Journal article-refereed  
Organisations: Institute of Society and Space (SOCIS), Former organisation of the author  
Contributors: Lehtovuori, P.  
Pages: 71-87  
Publication date: 2012  
Peer-reviewed: Yes

#### **Publication information**

Journal: Critical Sociology  
Volume: 38  
Issue number: 1  
ISSN (Print): 0896-9205  
Ratings:  
Scopus rating (2012): CiteScore 0.9 SJR 0.425 SNIP 0.986  
Original language: English  
DOIs:  
10.1177/089692051140722

#### **Bibliographical note**

TTY ei Affil.<br/>Contribution: organisation=ark,FACT1=1

Source: researchoutputwizard  
Source ID: 4682

Research output: Contribution to journal › Article › Scientific › peer-review

## Temporary uses as a means of experimental urban planning

### General information

Publication status: Published  
MoE publication type: A1 Journal article-refereed  
Organisations: Former organisation of the author  
Contributors: Lehtovuori, P., Ruoppila, S.  
Number of pages: 26  
Pages: 29-54  
Publication date: 2012  
Peer-reviewed: Yes

### Publication information

Journal: SAJ Serbian Architectural Journal  
Issue number: 4  
ISSN (Print): 1821-3952  
Original language: English

### Bibliographical note

Affil. ei TTY<br/>Contribution: organisation=ark,FACT1=1  
Source: researchoutputwizard  
Source ID: 4683  
Research output: Contribution to journal > Article > Scientific > peer-review

## Pekka Mäki, ASA-huset, Åbo Akademi

### General information

Publication status: Published  
MoE publication type: A1 Journal article-refereed  
Organisations: School of Architecture  
Contributors: Koponen, O.  
Pages: 34-40  
Publication date: 2011  
Peer-reviewed: Yes

### Publication information

Journal: Arkkitehti  
Volume: 108  
Issue number: 2  
ISSN (Print): 0783-3660  
Original language: Finnish

### Bibliographical note

Contribution: organisation=ark aht,FACT1=1  
Source: researchoutputwizard  
Source ID: 6411  
Research output: Contribution to journal > Article > Scientific > peer-review

## Keskustoista kesannoille

### General information

Publication status: Published  
MoE publication type: A1 Journal article-refereed  
Organisations: School of Architecture  
Contributors: Lodenius, S.  
Pages: 15-21  
Publication date: 2011  
Peer-reviewed: Yes

### Publication information

Journal: Arkkitehti  
Volume: 108  
Issue number: 3

ISSN (Print): 0783-3660  
Original language: Finnish

#### **Bibliographical note**

Contribution: organisation=ark ays,FACT1=1  
Source: researchoutputwizard  
Source ID: 6645  
Research output: Contribution to journal › Article › Scientific › peer-review

#### **Eedenistä utopiaan/Out of Eden - into utopia**

##### **General information**

Publication status: Published  
MoE publication type: A1 Journal article-refereed  
Organisations: School of Architecture  
Contributors: Näveri, M.  
Pages: 49-53  
Publication date: 2010  
Peer-reviewed: Yes

##### **Publication information**

Journal: Arkkitehti  
Issue number: 1  
ISSN (Print): 0783-3660  
Original language: Finnish

#### **Bibliographical note**

Contribution: organisation=ark ays,FACT1=1<br/>Publisher name: Suomen Arkkitehtiliitto  
Source: researchoutputwizard  
Source ID: 8827  
Research output: Contribution to journal › Article › Scientific › peer-review

#### **Sisältö vai muoto kaavoituksellisen ohjauksen keskiössä - havaintoja New York Cityn suunnittelukäytännöistä**

##### **General information**

Publication status: Published  
MoE publication type: A1 Journal article-refereed  
Organisations: School of Architecture  
Contributors: Lodenius, S.  
Pages: 8-28  
Publication date: 2010  
Peer-reviewed: Yes

##### **Publication information**

Journal: Yhdyskuntasuunnittelu  
Issue number: 4/2010  
ISSN (Print): 1459-6806  
Original language: Finnish

#### **Bibliographical note**

Contribution: organisation=ark ays,FACT1=1  
Source: researchoutputwizard  
Source ID: 8663  
Research output: Contribution to journal › Article › Scientific › peer-review

#### **Teknologiaa ja terminaaliarkkitehtuuria. Technology and Terminal Architecture**

##### **General information**

Publication status: Published  
MoE publication type: A1 Journal article-refereed  
Organisations: School of Architecture  
Contributors: Hynynen, A.  
Pages: 24-27  
Publication date: 2010

Peer-reviewed: Yes

#### **Publication information**

Journal: Arkkitehti  
Issue number: 2/2010  
ISSN (Print): 0783-3660  
Original language: English

#### **Bibliographical note**

Contribution: organisation=ark ays,FACT1=1<br/>Publisher name: Suomen Arkkitehtiliitto  
Source: researchoutputwizard  
Source ID: 8136  
Research output: Contribution to journal › Article › Scientific › peer-review

### **Ojankaivajien valtakunnassa/In the realm of the ditchers**

#### **General information**

Publication status: Published  
MoE publication type: A1 Journal article-refereed  
Organisations: School of Architecture  
Contributors: Joutsiniemi, A.  
Pages: 65-67  
Publication date: 2010  
Peer-reviewed: Yes

#### **Publication information**

Journal: Arkkitehti  
Issue number: 2/2010  
ISSN (Print): 0783-3660  
Original language: Finnish

#### **Bibliographical note**

Contribution: organisation=ark ays,FACT1=1<br/>Publisher name: Suomen Arkkitehtiliitto  
Source: researchoutputwizard  
Source ID: 8231  
Research output: Contribution to journal › Article › Scientific › peer-review

### **Romantiikan uudelleenarviointi/Re-assessing romanticism**

#### **General information**

Publication status: Published  
MoE publication type: A1 Journal article-refereed  
Organisations: School of Architecture  
Contributors: Koponen, O.  
Pages: 44-48  
Publication date: 2010  
Peer-reviewed: Yes

#### **Publication information**

Journal: Arkkitehti  
Issue number: 1  
ISSN (Print): 0783-3660  
Original language: Finnish

#### **Bibliographical note**

Contribution: organisation=ark aht,FACT1=1<br/>Publisher name: Suomen Arkkitehtiliitto  
Source: researchoutputwizard  
Source ID: 8425  
Research output: Contribution to journal › Article › Scientific › peer-review

### **Suurmieskulttia syvemmälle; Beyond the Personality Cult**

#### **General information**

Publication status: Published

MoE publication type: A1 Journal article-refereed  
Organisations: School of Architecture  
Contributors: Koponen, O.  
Pages: 72-74  
Publication date: 2010  
Peer-reviewed: Yes

#### **Publication information**

Journal: Arkkitehti  
Issue number: 5/2010  
ISSN (Print): 0783-3660  
Original language: Finnish

#### **Bibliographical note**

Contribution: organisation=ark aht,FACT1=1<br/>Publisher name: Suomen Arkkitehtiliitto  
Source: researchoutputwizard  
Source ID: 8426  
Research output: Contribution to journal > Article > Scientific > peer-review

### **Sleuth -simulaatiomallin soveltaminen maankäytön muutosten ja skenaarioiden hallinnassa**

#### **General information**

Publication status: Published  
MoE publication type: A1 Journal article-refereed  
Organisations: School of Architecture  
Contributors: Iltanen, S.  
Pages: 24-40  
Publication date: 2010  
Peer-reviewed: Yes

#### **Publication information**

Journal: Yhdyskuntasuunnittelu  
Issue number: 2  
ISSN (Print): 1459-6806  
Original language: Finnish

#### **Bibliographical note**

Contribution: organisation=ark ays,FACT1=1  
Source: researchoutputwizard  
Source ID: 8149  
Research output: Contribution to journal > Article > Scientific > peer-review

### **Salokunnan seurakuntatalo 1960, Timo Penttilä/Salokunta's parish house**

#### **General information**

Publication status: Published  
MoE publication type: A1 Journal article-refereed  
Organisations: School of Architecture  
Contributors: Koponen, O.  
Pages: 76-76  
Publication date: 2009  
Peer-reviewed: Yes

#### **Publication information**

Journal: Arkkitehti  
Issue number: 6/2009  
ISSN (Print): 0783-3660  
Original language: English

#### **Bibliographical note**

Contribution: organisation=ark aht,FACT1=1<br/>Publisher name: Suomen Arkkitehtiliitto  
Source: researchoutputwizard  
Source ID: 10504  
Research output: Contribution to journal > Article > Scientific > peer-review

## High Line - puisto ratakiskoissa/High Line - a new perspective on Manhattan

### General information

Publication status: Published  
MoE publication type: A1 Journal article-refereed  
Organisations: School of Architecture  
Contributors: Lodenius, S.  
Pages: 54-56  
Publication date: 2009  
Peer-reviewed: Yes

### Publication information

Journal: Arkkitehti  
Issue number: 6/2009  
ISSN (Print): 0783-3660  
Original language: English

### Bibliographical note

Contribution: organisation=ark ays,FACT1=1<br/>Publisher name: Suomen Arkkitehtiiliitto  
Source: researchoutputwizard  
Source ID: 10747  
Research output: Contribution to journal > Article > Scientific > peer-review

## Mouhijärven kirjasto

### General information

Publication status: Published  
MoE publication type: A1 Journal article-refereed  
Organisations: Yhdyskuntasuunnittelu  
Contributors: Iltanen, S.  
Publication date: 2007  
Peer-reviewed: Yes

### Publication information

Journal: Puulehti  
Issue number: 2/2007  
Original language: Finnish

### Bibliographical note

Contribution: organisation=ays,FACT1=1  
Source: researchoutputwizard  
Source ID: 14397  
Research output: Contribution to journal > Article > Scientific > peer-review

## Soveltava kulttuurintutkimus on kuin avoin syli

### General information

Publication status: Published  
MoE publication type: A2 Review article in a scientific journal  
Organisations: Architecture  
Contributors: Kalakoski, I.  
Number of pages: 4  
Pages: 114-117  
Publication date: 2019  
Peer-reviewed: Yes

### Publication information

Journal: J@RGONIA  
Volume: 17  
Issue number: 33  
ISSN (Print): 1459-305X  
Original language: Finnish  
URLs:

<http://urn.fi/URN:NBN:fi:jyu-201907033559>

Research output: Contribution to journal › Review Article › Scientific › peer-review

## **Makkarapötköä vai moninaista mosaiikkia? Kotimaiset urbaanit asunto- ja asumiskonseptit vuonna 2017.**

### **General information**

Publication status: Published

MoE publication type: A2 Review article in a scientific journal

Organisations: Architecture, Research group: ASUTUT

Contributors: Tarpio, J., Leino, H., Laine, M.

Publication date: Jun 2018

Peer-reviewed: Yes

### **Publication information**

Journal: Yhdyskuntasuunnittelu

Volume: 56

Issue number: 2

ISSN (Print): 1459-6806

Original language: Finnish

Keywords: asuminen, asuntotuotanto, asuntosuunnittelu, megatrendit, konsepti

URLs:

<http://www.yss.fi/journal/makkarapotkoa-vai-moninaista-mosaiikkia/>

Research output: Contribution to journal › Review Article › Scientific › peer-review

## **Future in wood? Timber construction in boosting local development.**

Large scale timber construction has been on the upswing for some time in many European countries. Besides the building cluster, also regions and cities have taken advantage of the ongoing timber boom in their economic and spatial development. In this article the focus is on the South Ostrobothnia region and the city of Seinäjoki in Western Finland, where the potential of the business is quite weakly exploited regardless of favourable preconditions. By studying the key actors of the innovation network we are able to better understand the premises of the local development platform that should aim at boosting timber construction.

### **General information**

Publication status: Published

MoE publication type: A2 Review article in a scientific journal

Organisations: School of Architecture, Research group: Urban Laboratory

Contributors: Hynynen, A.

Number of pages: 13

Pages: 127-139

Publication date: 2016

Peer-reviewed: Yes

### **Publication information**

Journal: European Spatial Research and Policy

Volume: 23

Issue number: 1

ISSN (Print): 1231-1952

Ratings:

Scopus rating (2016): CiteScore 0.5 SJR 0.152 SNIP 0.378

Original language: English

Keywords: Urban development, regional development, timber construction, innovation network, development platform

DOIs:

[10.1515/esrp-2016-0007](https://doi.org/10.1515/esrp-2016-0007)

Research output: Contribution to journal › Review Article › Scientific › peer-review

## **Monikulttuurisuus on osa meitä, Multiculturalism is Part of Us**

### **General information**

Publication status: Published

MoE publication type: A2 Review article in a scientific journal

Organisations: School of Architecture

Contributors: Maununaho, K., Virkkala, I.

Pages: 70-72

Publication date: 2011

Peer-reviewed: Yes

#### **Publication information**

Journal: Arkkitehti

Volume: 108

Issue number: 4

ISSN (Print): 0783-3660

Original language: Finnish

#### **Bibliographical note**

Contribution: organisation=ark ars,FACT1=1

Source: researchoutputwizard

Source ID: 6784

Research output: Contribution to journal › Review Article › Scientific › peer-review

### **Asumiseen tarvitaan ekohumanismia, The Need for Eco-Humanism in Dwelling**

#### **General information**

Publication status: Published

MoE publication type: A2 Review article in a scientific journal

Organisations: School of Architecture

Contributors: Hedman, M.

Pages: 22-27

Publication date: 2011

Peer-reviewed: Yes

#### **Publication information**

Journal: Arkkitehti

Volume: 108

Issue number: 4

ISSN (Print): 0783-3660

Original language: Finnish

#### **Bibliographical note**

Contribution: organisation=ark ars,FACT1=1

Source: researchoutputwizard

Source ID: 6042

Research output: Contribution to journal › Review Article › Scientific › peer-review

### **Lähiöt - uusiutuva luonnonvara**

#### **General information**

Publication status: Published

MoE publication type: A2 Review article in a scientific journal

Organisations: School of Architecture

Contributors: Hagan, H.

Pages: 13-13

Publication date: 2010

Peer-reviewed: Yes

#### **Publication information**

Journal: Asu ja rakenna

Issue number: 4

ISSN (Print): 1237-0703

Original language: Finnish

#### **Bibliographical note**

Contribution: organisation=ark ars,FACT1=1

Source: researchoutputwizard

Source ID: 7978

Research output: Contribution to journal › Review Article › Scientific › peer-review



## Raahen Kummatti - lähiön muodonmuutos purkamalla

### General information

Publication status: Published  
MoE publication type: A2 Review article in a scientific journal  
Organisations: School of Architecture  
Contributors: Hagan, H.  
Pages: 14-15  
Publication date: 2010  
Peer-reviewed: Yes

### Publication information

Journal: Asu ja rakenna  
Issue number: 4  
ISSN (Print): 1237-0703  
Original language: Finnish

### Bibliographical note

Contribution: organisation=ark ars,FACT1=1  
Source: researchoutputwizard  
Source ID: 7979  
Research output: Contribution to journal › Review Article › Scientific › peer-review

### Challenges in assessing urban sustainability

Achieving urban sustainability has been one of the main goals in European Union policies since 1991, when an expert committee was created for that objective. Several research calls concerning it were arranged during the fifth, sixth and even seventh Framework Programmes. The results stated that indicators of urban sustainability were the most effective way of assessing urban sustainability and for establishing a set of goals of sustainability. Many research projects aimed at obtaining a valid list of indicators of urban sustainability. However, after years of research, there is still no set of indicators for planning or assessing urban sustainability, and the topic has been omitted from EU policies. This chapter investigates the various challenges in assessing urban sustainability and proposes how to evaluate urban sustainability in the future.

### General information

Publication status: Published  
MoE publication type: A3 Part of a book or another research book  
Organisations: Architecture, Research group: Urban Planning and Design, Universidad Politécnica de Madrid, VTT Technical Research Centre of Finland  
Contributors: Corredor-Ochoa, Á., Antuña-Rozado, C., Fariña-Tojo, J., Rajaniemi, J.  
Number of pages: 20  
Pages: 355-374  
Publication date: Jul 2020

### Host publication information

Title of host publication: Urban Ecology : Emerging Patterns and Social-Ecological Systems  
Publisher: Elsevier  
Editors: Verma, P., Singh, P., Singh, R., Singh Raghubanshi, A.  
ISBN (Electronic): 978-0-12-820730-7  
ASJC Scopus subject areas: Urban Studies  
DOIs:  
10.1016/B978-0-12-820730-7.00019-7  
Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific › peer-review

### Looking Up: Imagining a Vertical Architecture

Densification is a much-used concept in urban planning in Finland today. Big cities are dealing with a growing population, and a reasonable solution to housing needs seems to be infill construction. Along with the demand for density comes a discussion about vertical building and the role of tall buildings in the city skyline and the townscape. Today's discussion is updating a similar discussion from the early decades of the 20th century, when the future seemed vertical in many urban planners' visions, on both sides of the Atlantic. In this article, two such visions from the 1920s are re-visited: Swiss-French architect Le Corbusier's famous plan for the centre of Paris and Finnish-American architect Eliel Saarinen's plan for the lakefront of Chicago. These plans reflected a contemporary belief in technological advancement and showed a master planner attitude with a focus on the whole urban environment. Both planners were also looking upward, although seeing the possibilities of a vertically constructed city somewhat differently. In spite of their forward-reaching visionary qualities, both plans remained on paper, depicting a possible future that is now looked at as an alternate past. These visions and discussions of the previous century could still offer a comprehensive view for the contemporary discussion on urban density and one of its results: the vertical city. Many of the questions that should be answered when increasing densities in today's cities already had their beginnings in the visions that the 20th century architects offered for the future.

### General information

Publication status: Published  
MoE publication type: A3 Part of a book or another research book  
Organisations: Architecture, Research group: Urban Planning and Design  
Contributors: Chudoba, M.  
Number of pages: 25  
Pages: 99-124  
Publication date: 20 Dec 2019

### Host publication information

Title of host publication: Reflecting Histories and Directing Futures : Proceedings Series  
Publisher: Nordic Academic Press of Architectural Research  
Editors: Toft, A. E., Rönn, M., Smith Wergeland, E.  
Edition: 2019-1  
ISBN (Print): 978-91983797-3-0  
Keywords: high-rise, skyscraper, tall building, townscape, Saarinen, Le Corbusier  
URLs:  
<http://arkitekturforskning.net/na/issue/publishing> (Link to publication 2019-1)  
Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific › peer-review

## Technology, Focality and Place: On the Means and Goals of Architecture

### General information

Publication status: Published  
MoE publication type: A3 Part of a book or another research book  
Organisations: Architecture  
Contributors: Passinmäki, P.  
Number of pages: 34  
Pages: 64-97  
Publication date: Jun 2019

### Host publication information

Title of host publication: Understanding and Designing Place - Considerations on Architecture and Philosophy  
Publisher: Tampere University, School of Architecture  
Editors: Passinmäki, P., Havik, K.  
ISBN (Print): 978-952-03-1113-1  
ISBN (Electronic): 978-952-03-1114-8

### Publication series

Name: DATUTOP  
Volume: 38  
ISSN (Print): 0359-7105  
Electronic versions:  
Passinmäki\_Technology Focality and Place\_On the Means and Goals of Architecture  
URLs:  
<http://urn.fi/URN:NBN:fi:tuni-201909263509>  
URLs:  
<http://urn.fi/URN:ISBN:978-952-03-1114-8> (Host publication)  
Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific › peer-review

## Drivers of Global Urbanization: Exploring the emerging Urban Society

### General information

Publication status: Published  
MoE publication type: A3 Part of a book or another research book  
Organisations: Architecture, Research group: Urban Planning and Design  
Contributors: Lehtovuori, P., Tartia, J., Cerrone, D.  
Number of pages: 9  
Publication date: 2019

### Host publication information

Title of host publication: The Routledge Handbook of Henri Lefebvre, The City and Urban Society  
Place of publication: London  
Publisher: Routledge

Editors: Leary-Owhin, M. E., McCarthy, J. P.  
ISBN (Print): 9781138290051  
ISBN (Electronic): 9781315266589  
DOIs:

10.4324/9781315266589

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific › peer-review

### **Mille-Oeille: Environmental Zoo**

#### **General information**

Publication status: Published  
MoE publication type: A3 Part of a book or another research book  
Organisations: Architecture, Rensselaer Polytechnic Institute, USA  
Contributors: Rubio Hernandez, R., Pérez-Guembe, E.  
Pages: 410-413  
Publication date: 2018

#### **Host publication information**

Title of host publication: Time, Space, Existence  
Publisher: GAA Foundation  
ISBN (Print): 978-90-826559-3-3  
ASJC Scopus subject areas: Architecture , Human-Computer Interaction  
Keywords: Virtual Reality, Augmented Reality, Architecture  
Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific › peer-review

### **Temporary uses producing difference in contemporary urbanism.**

#### **General information**

Publication status: Published  
MoE publication type: A3 Part of a book or another research book  
Organisations: Architecture, Research group: Urban Planning and Design  
Contributors: Lehtovuori, P., Ruoppila, S.  
Number of pages: 18  
Pages: 47-64  
Publication date: 2017

#### **Host publication information**

Title of host publication: Transience and permanence in urban development  
Publisher: Wiley  
Editor: Henneberry, J.  
ISBN (Print): 978-1-119-05565-5  
URLs:  
<http://eu.wiley.com/WileyCDA/WileyTitle/productCd-1119055652,subjectCd-AR82.html>  
Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific › peer-review

### **Kulttuurista yhdyskuntarakenteesta? Uraanin yhteisöllisyyden muuttuvat tulkinnat**

#### **General information**

Publication status: Published  
MoE publication type: A3 Part of a book or another research book  
Organisations: Architecture, Research group: Urban Planning and Design, Aalto University  
Contributors: Lilius, J., Norvasuo, M.  
Number of pages: 20  
Pages: 230-249  
Publication date: 2017

#### **Host publication information**

Title of host publication: Kulttuurisuunnittelu : Kaupunkikehittämisen uusi näkökulma  
Volume: 258  
Place of publication: Helsinki  
Publisher: SUOMALAISEN KIRJALLISUUDEN SEURA  
Editors: Häyrynen, M., Wallin, A.  
ISBN (Print): 978-952-222-894-9  
ISBN (Electronic): 952222894X

### Publication series

Name: Tietolipas  
ISSN (Print): 0562-6129

### Bibliographical note

jufoid=68468

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific › peer-review

### Complex patterns of self-organized neighbourhoods

Complexity theory has increased our understanding of cities as dynamic, self-organizing systems. However, the planning practice of today often collides with the complex urban realm, and is incapable of steering or even recognizing self-organization. Since many self-organization mechanisms may actually be indispensable to the city, we need a better understanding of them to develop appropriate planning tools. In this paper the complex nature of self-organization in the industrial district of Nekala in the Finnish city of Tampere is studied using isovist analyses for statistical observation to confirm the inner diversity of the spontaneously evolving phenomenon. The conclusion section includes some remarks on accommodating self-organization principles in planning.

### General information

Publication status: Published

MoE publication type: A3 Part of a book or another research book

Organisations: School of Architecture, Research group: Urban Planning Theory, Research group: EDGE

Contributors: Partanen, J., Joutsiniemi, A.

Number of pages: 16

Pages: 242-257

Publication date: 2016

### Host publication information

Title of host publication: Spatial Planning in a Complex Unpredictable World of Change : Towards a proactive co-evolutionary type of planning

Place of publication: Groningen

Publisher: InPlanning

Editors: Boelens, L., deRoo, G.

ISBN (Print): 978-94-91937-26-2

ISBN (Electronic): 978-94-91937-27-9

Keywords: self-organization, complexity, urban processes, urban planning, Urban evolution

DOIs:

10.17418/B.2016.9789491937279

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific › peer-review

### Vitality Through Integrative Urban Design: The case of Three Finnish cities

#### General information

Publication status: Published

MoE publication type: A3 Part of a book or another research book

Organisations: School of Architecture, Research group: Urban Laboratory

Contributors: Hynynen, A.

Number of pages: 23

Pages: 182-204

Publication date: 2016

#### Host publication information

Title of host publication: RE-CITY. Future City - Combining Disciplines

Place of publication: Tampere

Publisher: Tampere University of Technology. School of Architecture

Editor: Rajaniemi, J.

ISBN (Print): 978-952-15-3624-3

ISBN (Electronic): 978-952-15-3625-0

#### Publication series

Name: DATUTOP

Publisher: Tampere University of Technology, School of Architecture

Volume: 34

ISSN (Print): 0359-7105

URLs:

<http://urn.fi/urn:isbn:978-952-15-3625-0>

### **Bibliographical note**

JUFOID=54540

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific › peer-review

### **Muutoksii: Second-generation Immigrants' Movie Workshop in Helsinki**

#### **General information**

Publication status: Published

MoE publication type: A3 Part of a book or another research book

Organisations: School of Architecture, Research group: Built Environment in Transition, Research group: Urban Planning Theory

Contributors: Peipinen, V., Lehtovuori, P.

Number of pages: 5

Pages: 96-100

Publication date: 2015

#### **Host publication information**

Title of host publication: Hopeless Youth!

Publisher: Estonian National Museum

Editors: Martínez, F., Runnel, P.

ISBN (Print): 978-9949-548-10-1

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific › peer-review

### **Public spaces, experience and conflict: The Cases of Helsinki and Tallinn**

#### **General information**

Publication status: Published

MoE publication type: A3 Part of a book or another research book

Organisations: School of Architecture, Research group: Built Environment in Transition, Research group: Urban Planning Theory, Institute of Society and Space (SOCIS)

Contributors: Lehtovuori, P., Kurg, A., Schwab, M., Ermert, S.

Number of pages: 23

Pages: 125-143

Publication date: 2014

#### **Host publication information**

Title of host publication: Public Space and Relational Perspectives : New Challenges for Architecture and Planning

Publisher: Routledge

Editors: Tornaghi, C., Knierbein, S.

ISBN (Print): 978-0-415-82157-5

ISBN (Electronic): 978-1-315-75072-9

#### **Publication series**

Name: Routledge Research in Planning and Urban Design

Publisher: Routledge

URLs:

<http://www.routledge.com/books/details/9780415821575/>

### **Bibliographical note**

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2015-01-15

Source: researchoutputwizard

Source ID: 21

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific › peer-review

### **Lapsia liikuttava kaupunki**

#### **General information**

Publication status: Published

MoE publication type: A3 Part of a book or another research book

Organisations: School of Architecture

Contributors: Hynynen, A., Kyttä, M., Vasankari, T., Aittasalo, M., Broberg, A., Sarjala, S.

Number of pages: 16

Pages: 210-225

Publication date: 2013

#### Host publication information

Title of host publication: Ketä kiinnostaa? : lasten ja nuorten hyvinvointi ja syrjäytyminen  
Publisher: Suomen Akatemia : Gaudeamus  
Editors: Reivinen, J., Vähäkylä, L.  
ISBN (Print): 978-952-495-316-0

#### Bibliographical note

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2013-12-29  
Source: researchoutputwizard  
Source ID: 2361  
Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific › peer-review

### Cellular Automata in Urban Spatial Modelling

#### General information

Publication status: Published  
MoE publication type: A3 Part of a book or another research book  
Organisations: School of Architecture  
Contributors: Iltanen, S.  
Pages: 69-84  
Publication date: 2012

#### Host publication information

Title of host publication: Agent-Based Models of Geographical Systems  
Place of publication: Dordrecht  
Publisher: Springer Netherlands  
Editors: Heppenstall, A., Crooks, A., See, L., Batty, M.  
ISBN (Print): 978-90-481-8926-7  
ISBN (Electronic): 978-90-481-8927-4  
DOIs:  
10.1007/978-90-481-8927-4\_4

#### Bibliographical note

Ei ut-numeroa 14.8.2013<br/>Contribution: organisation=ark ays,FACT1=1  
Source: researchoutputwizard  
Source ID: 4300  
Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific › peer-review

### Heuristic three-level Instrument combining urban Morphology, Mobility, service Environments and Locational Information (HIMMELI)

#### General information

Publication status: Published  
MoE publication type: A3 Part of a book or another research book  
Organisations: School of Architecture  
Contributors: Iltanen, S.  
Pages: 77-84  
Publication date: 2012

#### Host publication information

Title of host publication: Accessibility Instruments for Planning Practice  
Place of publication: Brussels  
Publisher: COST Office  
Editors: Angela, H., Cecilia, S., Luca, B.  
Article number: 3.5  
ISBN (Print): 978-989-20-3187-3  
ISBN (Electronic): 978-989-20-3210-8  
URLs:  
<http://www.accessibilityplanning.eu/wp-content/uploads/2012/10/COST-Report-1-FINAL.pdf>

#### Bibliographical note

Ei UT-numeroa 14.8.2013<br/>Contribution: organisation=ark ays,FACT1=1  
Source: researchoutputwizard

Source ID: 4302

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific › peer-review

### Discussion on Accessibility Instruments

#### General information

Publication status: Published

MoE publication type: A3 Part of a book or another research book

Organisations: School of Architecture

Contributors: Hull, A., Papa, E., Silva, C., Joutsiniemi, A.

Pages: 205-238

Publication date: 2012

#### Host publication information

Title of host publication: Accessibility Instruments for Planning Practice

Place of publication: Brussels

Publisher: COST Office

Editors: Angela, H., Cecilia, S., Luca, B.

ISBN (Print): 978-989-20-3187-3

ISBN (Electronic): 978-989-20-3210-8

URLs:

<http://www.accessibilityplanning.eu/wp-content/uploads/2012/10/COST-Report-1-FINAL.pdf>

#### Bibliographical note

ei ut-numeroa 13.8.2013<br/>Contribution: organisation=ark ays,FACT1=1

Source: researchoutputwizard

Source ID: 4242

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific › peer-review

### Kauppa-keskus kaupungin käyttöliittymänä

#### General information

Publication status: Published

MoE publication type: A3 Part of a book or another research book

Organisations: School of Architecture

Contributors: Rantanen, A.

Pages: 63-66

Publication date: 2011

#### Host publication information

Title of host publication: Käyttäjälähtöiset tilat: Uutta ajattelua tilojen suunnitteluun. Tekesin julkaisu

Place of publication: Helsinki

Publisher: Teonsana Oy

ISBN (Print): 978-952-457-531-7

#### Bibliographical note

Contribution: organisation=ark ays,FACT1=1

Source: researchoutputwizard

Source ID: 7095

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific › peer-review

### The development vision of Tulli Area. Masters's Thesis in Architecture, TUT 2008

#### General information

Publication status: Published

MoE publication type: A3 Part of a book or another research book

Organisations: School of Architecture

Contributors: Kiviranta, M.

Number of pages: 1

Pages: 109-109

Publication date: 2010

#### Host publication information

Title of host publication: Urban Fallows. Transformations & Breeding Grounds. City Scratching III. Tampere University of Technology. School of Architecture. Publication

Editor: Ylä-Anttila, K.  
ISBN (Print): 978-952-15-2490-5

#### **Bibliographical note**

City of Tampere / Creative Tampere, NCC Property development Oy, Ramboll Finland Oy, UPM, City of Akaa, Council of Tampere Region

Contribution: organisation=ark ays,FACT1=1

Source: researchoutputwizard

Source ID: 8379

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific › peer-review

#### **Mapping the urban fallows**

##### **General information**

Publication status: Published

MoE publication type: A3 Part of a book or another research book

Organisations: School of Architecture

Contributors: Alppi, S.

Pages: 67-75

Publication date: 2010

##### **Host publication information**

Title of host publication: Urban Fallows. Transformations & Breeding Grounds. City Scratching III. Tampere University of Technology. School of Architecture. Publication

Editor: Ylä-Anttila, K.

ISBN (Print): 978-952-15-2490-5

#### **Bibliographical note**

City of Tampere / Creative Tampere, NCC Property development Oy, Ramboll Finland Oy, UPM, City of Akaa, Council of Tampere Region

Contribution: organisation=ark ays,FACT1=1

Source: researchoutputwizard

Source ID: 7680

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific › peer-review

#### **Akaa > Play: development paths for industrial fallow masters's thesis in Architecture, TUT 2008**

##### **General information**

Publication status: Published

MoE publication type: A3 Part of a book or another research book

Organisations: School of Architecture

Contributors: Eskola, S.

Number of pages: 1

Pages: 111-111

Publication date: 2010

##### **Host publication information**

Title of host publication: Urban Fallows. Transformations & Breeding Grounds. City Scratching III. Tampere University of Technology. School of Architecture. Publication

Editor: Ylä-Anttila, K.

#### **Bibliographical note**

City of Tampere / Creative Tampere, NCC Property development Oy, Ramboll Finland Oy, UPM, City of Akaa, Council of Tampere Region

Contribution: organisation=ark ars,FACT1=1

Source: researchoutputwizard

Source ID: 7902

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific › peer-review

#### **Scenic urbanism**

##### **General information**

Publication status: Published

MoE publication type: A3 Part of a book or another research book

Organisations: School of Architecture

Contributors: Hynynen, A.

Pages: 47-53



Publication date: 2010

#### **Host publication information**

Title of host publication: Urban Fallows. Transformations & Breeding Grounds. City Scratching III. Tampere University of Technology. School of Architecture. Publication  
Editor: Ylä-Anttila, K.  
ISBN (Print): 978-952-15-2490-5

#### **Bibliographical note**

City of Tampere / Creative Tampere, NCC Property development Oy, Ramboll Finland Oy, UPM, City of Akaa, Council of Tampere Region  
Contribution: organisation=ark ays,FACT1=1  
Source: researchoutputwizard  
Source ID: 8135  
Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific › peer-review

### **Nekapolis. Or the future of a part of the city**

#### **General information**

Publication status: Published  
MoE publication type: A3 Part of a book or another research book  
Organisations: School of Architecture  
Contributors: Kuusela, K.  
Number of pages: 13  
Pages: 95-107  
Publication date: 2010

#### **Host publication information**

Title of host publication: Urban Fallows. Transformations & Breeding Grounds. City Scratching III. Tampere University of Technology. School of Architecture. Publication  
Editor: Ylä-Anttila, K.  
ISBN (Print): 978-952-15-2490-5

#### **Bibliographical note**

City of Tampere / Creative Tampere, NCC Property development Oy, Ramboll Finland Oy, UPM, City of Akaa, Council of Tampere Region  
Contribution: organisation=ark ays,FACT1=1  
Source: researchoutputwizard  
Source ID: 8499  
Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific › peer-review

### **Decayed, developed, defined. Comparing the development paths of two urban fallow areas in New York City**

#### **General information**

Publication status: Published  
MoE publication type: A3 Part of a book or another research book  
Organisations: School of Architecture  
Contributors: Hietakorpi, L.  
Pages: 55-65  
Publication date: 2010

#### **Host publication information**

Title of host publication: Urban Fallows. Transformations & Breeding Grounds. City Scratching III. Tampere University of Technology. School of Architecture. Publication  
Editor: Ylä-Anttila, K.  
ISBN (Print): 978-952-15-2490-5

#### **Bibliographical note**

City of Tampere / Creative Tampere, NCC Property development Oy, Ramboll Finland Oy, UPM, City of Akaa, Council of Tampere Region  
Contribution: organisation=ark ays,FACT1=1  
Source: researchoutputwizard  
Source ID: 8076  
Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific › peer-review

#### **Summer-Container**

### General information

Publication status: Published  
MoE publication type: A3 Part of a book or another research book  
Organisations: School of Architecture  
Contributors: Hedman, M.  
Pages: 26-31  
Publication date: 2010

### Host publication information

Title of host publication: Minimum Dwelling Spaces  
Editor: Broto, E.  
ISBN (Print): 9788496969773  
URLs:  
<http://www.ribabookshops.com/item/minimum-dwelling-spaces/69193/>

### Bibliographical note

Contribution: organisation=ark ars,FACT1=1  
Source: researchoutputwizard  
Source ID: 8025  
Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific › peer-review

## Abandoned wonders: An urban fallows pictorial

### General information

Publication status: Published  
MoE publication type: A3 Part of a book or another research book  
Organisations: School of Architecture  
Contributors: Thureson, J.  
Pages: 7-12  
Publication date: 2010

### Host publication information

Title of host publication: Urban Fallows. Transformations & Breeding Grounds. City Scratching III. Tampere University of Technology. School of Architecture. Publication  
Editor: Ylä-Anttila, K.  
ISBN (Print): 978-952-15-2490-5

### Bibliographical note

City of Tampere / Creative Tampere, NCC Property development Oy, Ramboll Finland Oy, UPM, City of Akaa, Council of Tampere Region  
Contribution: organisation=ark ays,FACT1=1  
Source: researchoutputwizard  
Source ID: 9401  
Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific › peer-review

## Reclaiming of fallow resources. Potential for breeding grounds or over-exploitation

### General information

Publication status: Published  
MoE publication type: A3 Part of a book or another research book  
Organisations: School of Architecture  
Contributors: Partanen, J.  
Pages: 87-93  
Publication date: 2010

### Host publication information

Title of host publication: Urban Fallows. Transformations & Breeding Grounds. City Scratching III. Tampere University of Technology. School of Architecture. Publication  
Editor: Ylä-Anttila, K.  
ISBN (Print): 978-952-15-2490-5

### Bibliographical note

City of Tampere / Creative Tampere, NCC Property development Oy, Ramboll Finland Oy, UPM, City of Akaa, Council of Tampere Region  
Contribution: organisation=ark ays,FACT1=1  
Source: researchoutputwizard  
Source ID: 8944

## Refining the method: Learning from action research

### General information

Publication status: Published  
MoE publication type: A3 Part of a book or another research book  
Organisations: School of Architecture  
Contributors: Ylä-Anttila, K.  
Pages: 13-23  
Publication date: 2010

### Host publication information

Title of host publication: Urban Fallows. Transformations & Breeding Grounds. City Scratching III. Tampere University of Technology. School of Architecture. Publication  
Editor: Ylä-Anttila, K.  
ISBN (Print): 978-952-15-2490-5

### Bibliographical note

City of Tampere / Creative Tampere, NCC Property development Oy, Ramboll Finland Oy, UPM, City of Akaa, Council of Tampere Region  
Contribution: organisation=ark ays,FACT1=1

Source: researchoutputwizard  
Source ID: 9648

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific › peer-review

## Integrating sustainability in design studio through blended learning

The complexity of sustainability often makes its integration into architectural education a difficult challenge. Consequently, sustainability is often not taught holistically or critically, leaving students confused as to what sustainable architecture is and how they might approach this themselves. At the same time, sustainable design must not be at the expense of our architectural imagination, yet within education and practice this is also often the case

This paper investigates how to bring sustainability knowledge into the studio instead of bringing the architecture studio to sustainability knowledge. In doing so, through two case studies undertaken at Aarhus School of Architecture, Denmark, the authors illustrate the integration of sustainable design in architecture studio using blended learning, such as making use of pre-recorded video lectures; group seminars, discussions and presentations; workshops and peer-peer learning as well as traditional studio drawing activities.

Changes within pedagogies need to occur to ensure that sustainability is embedded within the design education, acknowledging the dichotomy between the technical requirements and creative expression which are crucial for well-integrated holistic, sustainable architecture. To embed sustainability in the architectural studio, both poetics and sustainability need to be taught together, focusing especially on the aesthetic and spatial implications of sustainability. The key to integrating sustainability in the architectural studio is not only to give knowledge but to ensure that specific learning activities allow for the application of this knowledge into students' design process as well as to discuss the implications of this knowledge for the students' own design project and the subsequent architectural language. This supports deep learning, critical thinking, and reflection skills. In the two cases outlined in this paper, this incorporation was embedded through developing studio-specific learning activities that cover both architecture and sustainability aspects, with students completing in-depth investigations and mappings of exemplary sustainable architecture case studies.

### General information

Publication status: Published  
MoE publication type: A4 Article in a conference publication  
Organisations: Architecture, Aarhus School of Architecture  
Contributors: Donovan, E., Pelsmakers, S.  
Publication date: 4 Apr 2020

### Host publication information

Title of host publication: Education, Design and Practice – Understanding skills in a Complex World AMPS, Architecture\_MPS; Stevens Institute of Technology New Jersey / New York: 17-19 June, 2019  
Publisher: AMPS

### Publication series

Name: AMPS Proceedings Series  
ISSN (Electronic): 2398-9467  
Keywords: sustainable, architecture, education  
Electronic versions:

AMPS-Proceedings-17-1-Education-Design-and-Practice\_Donovan\_Pelsmakers

URLs:

<http://architecturemp.com/wp-content/uploads/2020/04/AMPS-Proceedings-17-1-Education-Design-and-Practice.pdf>

<http://urn.fi/URN:NBN:fi:tuni-202006176133>

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

### **Developing architecture studio culture: peer-peer learning**

Traditionally, architecture teaching has been centered around the architectural design studio, where students are taught usually on an individual project basis. This studio environment is a physical space but also a pedagogical and cultural space where learning and teaching happens. Students also regularly present their design and design process to tutors, external guests and peers. The studio is based on project-based learning and allows for reflective practice, and integration and testing of abstract knowledge into projects. This unique pedagogical tradition of studio-based teaching is based on 'reflection in action', developed from the master-apprentice model, as a simulation of 'real-life' practice, with regular feedback on the student's design development by tutors. However, studio culture can also lead to unhealthy practices, such as peer-peer pressure and competition, long hours, isolation from other activities, and stress when exposed to negative 'public evaluation' of one's work. Nevertheless, studio culture can also support reciprocal peer-peer learning, which happens in formalized group work but also informally in the absence of tutors. Advantages include co-experimenting, and learning competencies, design processes and critical reflection from and with one another, building a student's confidence to try new things.

Through four case studies, this paper illustrates ways to enhance the unique and positive aspects of studio culture, by fostering peer-peer learning to underpin and support deeper learning and healthier practices across years. Findings and reflections on each case are jointly discussed in concluding remarks at the end of the paper.

### **General information**

Publication status: Published

MoE publication type: A4 Article in a conference publication

Organisations: Architecture, Aarhus School of Architecture

Contributors: Pelsmakers, S., Donovan, E., Moseng, K., Eyebye, B.

Publication date: 4 Apr 2020

### **Host publication information**

Title of host publication: Education, Design and Practice – Understanding skills in a Complex World AMPS, Architecture\_MPS; Stevens Institute of Technology New Jersey / New York: 17-19 June, 2019

Publisher: AMPS

### **Publication series**

Name: AMPS Proceedings Series

ISSN (Electronic): 2398-9467

Electronic versions:

AMPS-Proceedings-17-1-Education-Design-and-Practice\_Pelsmakers et al

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<http://architecturemp.com/wp-content/uploads/2020/04/AMPS-Proceedings-17-1-Education-Design-and-Practice.pdf>

<http://urn.fi/URN:NBN:fi:tuni-202006176132>

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

### **Temporary uses of vacant and abandoned urban spaces in Latin America: An exploration**

Temporary use has become an increasingly focal subject in the fields of planning and urban policy. However, research has focused mostly on Europe and the United States, with little attention being given to temporary use in Latin America.

To add relevant cases and broaden the theoretical debate, this article presents an exploration of temporary use in different Latin American cities, from Mexico to Argentina. It charts temporary community centres and ephemeral art galleries that arise in historical abandoned buildings; new urban gardens that flourish over the ruins of monumental modernist housing projects from the 1960s; parklets and pocket parks that appear amongst overlooked deteriorated spaces; and abandoned plots that are transformed into temporary cinemas and playgrounds for children and their families. Furthermore, the article illustrates how these existing environments—often private, inert, and abandoned—are temporarily appropriated as lively spaces open to the public and transformative for cultural and urban practices in Latin American contexts. Finally, the article contextualizes the various examples in theoretical debates on everyday urbanism and do-it-yourself urbanism, showing the unique dimensions and learning points from the Latin American scene.

### **General information**

Publication status: Published

MoE publication type: A4 Article in a conference publication

Organisations: Architecture  
Contributors: Milián Bernal, D.  
Number of pages: 29  
Pages: 181-209  
Publication date: 2020

#### Host publication information

Title of host publication: Built Environment and Architecture as a Resource : Proceeding Series  
Volume: 2020  
Publisher: Nordic Academic Press of Architectural Research  
Edition: 1  
ISBN (Electronic): 978-91-983797-4-7

#### Publication series

Name: The NAAR Proceedings Series  
Publisher: Nordic Academic Press of Architectural Research  
ISSN (Electronic): 2535-4523  
Electronic versions:

Temporary uses of vacant and abandoned 2020

URLs:

<http://urn.fi/URN:NBN:fi:tuni-202008176494>

<http://arkitekturforskning.net/files/journals/1/issues/117/117-27-PB.pdf>

#### Bibliographical note

jufoid=86486

Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific > peer-review

#### Reframing Cities with Peripheral Settlements under the Decentralization Discourse: The Case of Amman, Jordan

The rapid spatial growth of the urban peripheries of Amman, the capital of Jordan, calls for an immediate reconsideration of the enforced planning policies that govern it. This paper therefore casts light on the implementation of the decentralization discourse in one problematic area in the Middle East, Amman City, focusing on the administrative decentralization of decision-making, and the resulting transfer of urban competencies and urban services.

This research intends to investigate the decentralized administration and its application in urban planning policy by tracing the history of one of Amman's satellite towns, Sahab. The study will assess the effectiveness and success of the policy implementation, and the relationship between the Amman City core and its marginal urban node, spatially and functionally. The study has used the international literature, data published from a number of Jordanian public departments, and structured interviews conducted with planners from Greater Amman Municipality (GAM), the Sahab municipality, and random sampling of the local community.

The results of this research indicate that the deep-rooted centralized authority of Greater Amman Municipality (GAM) clearly runs contrary to the hoped for decentralization approach. Accordingly, the current urban policies have failed, on the administrative and planning level, to create an autonomous or even semi-autonomous urban node. Instead, an unbalanced relationship can be observed between the Amman City core and Sahab, the satellite town. Finally, the paper closes by calling for appropriate institutionalization of the development plans and realistic implementation of spatial policies

#### General information

Publication status: Published  
MoE publication type: A4 Article in a conference publication  
Organisations: Architecture, Research group: Urban Planning and Design  
Contributors: Amr, A.  
Number of pages: 16  
Pages: 50-65  
Publication date: 2018

#### Host publication information

Title of host publication: Re-City. (Im)possible cities : DATUTOP  
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Place of publication: Tampere, Finland  
Publisher: Tampere University of Technology, School of Architecture  
Editors: Rajaniemi, J., Chudoba, M.  
Article number: 1  
ISBN (Print): 978-952-15-4143-8  
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#### Publication series

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ISSN (Electronic): 0359-7105  
Keywords: urban policies, decentralization approach, satellite town  
URLs:  
[https://tutcris.tut.fi/portal/files/16711466/DATUTOP\\_2017\\_impossible\\_cities.pdf](https://tutcris.tut.fi/portal/files/16711466/DATUTOP_2017_impossible_cities.pdf)  
<http://urn.fi/URN:ISBN:978-952-15-4144-5>

#### Bibliographical note

jufoid=54540  
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

### Underpinning Interrelated Factors of Physical, Virtual, and Social Learning Environments

#### General information

Publication status: Published  
MoE publication type: A4 Article in a conference publication  
Organisations: Electronics and Communications Engineering, Research group: Urban Planning and Design, Architecture  
Contributors: Kangas, J., Poutanen, J.  
Pages: 8087-8096  
Publication date: 2018

#### Host publication information

Title of host publication: ICERI2018 Proceedings  
ISBN (Electronic): 978-84-09-05948-5

#### Publication series

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ISSN (Electronic): 2340-1095  
Electronic versions:  
iceri18\_kangas\_poutanen\_id459  
DOIs:  
10.21125/iceri.2018.0459  
URLs:  
<http://urn.fi/URN:NBN:fi:tuni-201910013623>  
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

### MOOC-Graphies: Possibilities for Online Graphic Learning

In 2013, two research groups---the Architectural Photogrammetry Lab and the Spanish Observatory of Heritage Education---were authorized to create a digital course addressing the most recent challenges in architectural heritage: identification, documentation, representation and communication, which means drawing in a global sense. The massive open online course NEP: New Educational Strategies to Safeguard Cultural Heritage, approved as innovative teaching project by the University of Valladolid, was offered during the 2013--2016 period to achieve this goal. In addition to reviewing the different approaches on MOOC-graphy to date (focused on the area of architectural graphic expression), the purpose of this paper is to analyze the course's strengths and weaknesses.

#### General information

Publication status: Published  
MoE publication type: A4 Article in a conference publication  
Organisations: Architecture, Research group: EDGE  
Contributors: García Fernández, J., Fernández Martín, J. J., San José Alonso, J.  
Number of pages: 11  
Pages: 253-263  
Publication date: 2018

### Host publication information

Title of host publication: Architectural Draughtsmanship

Place of publication: Cham

Publisher: Springer International Publishing AG

Editors: Castaño Perea, E., Echeverria Valiente, E.

ISBN (Print): 978-3-319-58856-8

ISBN (Electronic): 978-3-319-58856-8

DOIs:

10.1007/978-3-319-58856-8\_20

Source: Bibtex

Source ID: urn:b37b6e2caf7b09bae493d8aca75e81fe

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

### Extending the life of virtual heritage: Reuse of TLS point clouds in synthetic stereoscopic spherical images

Recent advances in Terrestrial Laser Scanner (TLS), in terms of cost and flexibility, have consolidated this technology as an essential tool for the documentation and digitalization of Cultural Heritage. However, once the TLS data is used, it basically remains stored and left to waste. How can highly accurate and dense point clouds (of the built heritage) be processed for its reuse, especially to engage a broader audience? This paper aims to answer this question by a channel that minimizes the need for expert knowledge, while enhancing the interactivity with the as-built digital data: Virtual Heritage Dissemination through the production of VR content. Driven by the ProDigiOUs project's guidelines on data dissemination (EU funded), this paper advances in a production path to transform the point cloud into virtual stereoscopic spherical images, taking into account the different visual features that produce depth perception, and especially those prompting visual fatigue while experiencing the VR content. Finally, we present the results of the Hiedanranta's scans transformed into stereoscopic spherical animations.

### General information

Publication status: Published

MoE publication type: A4 Article in a conference publication

Organisations: Architecture, Research group: EDGE

Contributors: Garcia Fernandez, J., Tammi, K., Joutsiniemi, A.

Number of pages: 7

Pages: 317-323

Publication date: 23 Feb 2017

### Host publication information

Title of host publication: 3D Virtual Reconstruction and Visualization of Complex Architectures

Publisher: ISPRS

### Publication series

Name: International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives

ISSN (Electronic): 2194-9034

ASJC Scopus subject areas: Information Systems, Geography, Planning and Development

Keywords: Point cloud, Reuse, Spherical images, Stereoscopic, Terrestrial Laser Scanner, VR

Electronic versions:

isprs-archives-XLII-2-W3-317-2017

DOIs:

10.5194/isprs-archives-XLII-2-W3-317-2017

URLs:

<http://urn.fi/URN:NBN:fi:tty-201708071657>

### Bibliographical note

jufoid=83846

Source: Scopus

Source ID: 85021701753

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

### Urbanism at a turning point. Modern, postmodern, now

#### General information

Publication status: Published

MoE publication type: A4 Article in a conference publication

Organisations: Architecture, Research group: Urban Planning Theory, Research group: Urban Planning and Design

Contributors: Lehtovuori, P., Varna, G.

Pages: 86-98

Publication date: 2017

### Host publication information

Title of host publication: From Postwar to Postmodern — 20th Century Built Cultural Heritage : The 6th Baltic Sea Region Cultural Heritage Forum in Kiel 28-30 September, 2016

Place of publication: Stockholm

Publisher: RIKSANTIKVARIEÄMBETET

ISBN (Print): 978-91-7209-800-8

URLs:

<https://www.kiel-heritage-forum-2016.eu/>

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

### Comparing two methods for Urban Complexity calculation using Shannon-Wiener index

This study will compare the results of measuring Urban Complexity using Shannon-Wiener index in two different methods. Using a joint dataset retrieved from Foursquare API, we will measure the degree of urban complexity of every street 1. relating every amenity to the closest street segment in a computational way and then applying the calculation to the segments, and 2. applying the calculation to every cell of a grid that will be combined with the street network afterwards. The selected case study is the city of London and the dataset employed will be retrieved from Foursquare. Over 79,000 venues were collected and classified in over 660 categories. In order to proceed to the analysis, these 660 categories will be reduced to 10 based on the classification of activities observed in the public space from the traditional urban discipline. Then the urban complexity index of each Street segment of London will be measured as a simultaneous calculation of the density and diversity of collected and classified economic activities.

### General information

Publication status: Published

MoE publication type: A4 Article in a conference publication

Organisations: Architecture, University of Alicante, SPIN Unit

Contributors: López Baeza, J., Cerrone, D., Männigo, K.

Number of pages: 10

Pages: 369-378

Publication date: 2017

### Host publication information

Title of host publication: Comparing two methods for Urban Complexity calculation using Shannon-Wiener index

Publisher: WIT Press

### Publication series

Name: WIT Transactions on Ecology and The Environment

Volume: 226

ISSN (Print): 1743-3541

ISSN (Electronic): 1746-448X

DOIs:

10.2495/SDP170321

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

### Function and ornament: the modern of Louis Sullivan and Eliel Saarinen

This article explores the search for modern architectural expression in the texts of Louis Sullivan and Eliel Saarinen. The latter was influenced by the former's architecture, but the main focus of the study is the comparison of their texts on architectural design process, or search for form. The similarities found in the texts tell of a like-minded design philosophy, which was based on observation and appreciation of nature. Nature contained ornaments; therefore architecture could do so as well. The applications of the ideas prompted by the common source differed in the work of these two architects, but the premise that ornaments could be a useful part of a modern architect's design vocabulary remained the same. The understanding of both architects' versions of contemporary form language has suffered from a strict modernist interpretation. The canonical image of functional architecture has resulted in the dismissal of many divergent interpretations of modern architectural language, including that of Sullivan and Saarinen. Although current use of architectural ornamentation stems from various sources and not necessarily nature, a look at the aesthetic search of these two architects at the turn of the previous century may lend some historical perspective to the use of architectural ornament today.



### General information

Publication status: Published  
MoE publication type: A4 Article in a conference publication  
Organisations: School of Architecture, Research group: Urban Planning  
Contributors: Chudoba, M.  
Number of pages: 22  
Pages: 87-108  
Publication date: 22 Dec 2016

### Host publication information

Title of host publication: Aesthetics - The Uneasy Dimension in Architecture  
Publisher: Nordic Academic Press of Architectural Research  
Editors: Toft, A. E., Rönn, M.  
ISBN (Print): 978-91-983797-0-9  
Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific > peer-review

### Demolished buildings: Empirical evidence on types, ages and construction materials

Studies have found that from the ecological perspective, preservation of existing buildings is usually more sustainable than demolition and new construction. Knowledge about the characteristics of demolished buildings could help to promote renovation of buildings and to advance more sustainable management of building stocks, but so far the acquisition of comprehensive data has posed an immense challenge for research. Due to the lack of empirical evidence, the current understanding is largely based on theorizing. To participate in bridging this gap of knowledge, the current study takes advantage of data extracted from the Finnish Building and Dwelling Register. This data, which encompass all buildings demolished in Finland between 2000 and 2012 (50 818 buildings), are utilized to investigate the ages, decades of origin and construction materials and methods of demolished buildings by building types in 11 different categories from residential to non-residential. The results show that buildings are being demolished after remarkably short service lives. On average, the demolished buildings were only 51 years old — a service life that is considered as appropriate for temporary structures in the current design guidance. Furthermore, prefabricated buildings reached lives around 20 years, which is clearly less than with in situ built buildings. The average lives of buildings made of different materials were as follows: 54 years (timber buildings), 50 years (brick buildings), 40 years (concrete buildings) and 19 years (steel buildings). A comparison to statistics covering the existing stock showed that demolition is typically underrepresented in the youngest cohorts and overrepresented in older cohorts.

### General information

Publication status: Published  
MoE publication type: A4 Article in a conference publication  
Organisations: School of Architecture, Research group: Built Environment in Transition  
Contributors: Huuhka, S.  
Number of pages: 8  
Pages: 1105-1112  
Publication date: 22 Jun 2016

### Host publication information

Title of host publication: CESB16 - Central Europe towards Sustainable Building 2016 : Innovations for Sustainable Future, June 22-24, 2016, Prague  
Place of publication: Prague  
Publisher: Czech Technical University in Prague  
Editors: Hajek, P., Tywoniak, J., Lupisek, A., Sojkova, K.  
ISBN (Print): 978-80-271-0248-8  
ISBN (Electronic): 978-80-271-0248-8  
URLs:  
<http://cesb.cz/>  
Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific > peer-review

### Demolition Rates of Buildings with Different Functions and Construction Materials

Obsolescence of buildings is a complex phenomenon. Previous research has found that demolition of buildings is primarily determined by behavioural aspects, amongst which is the use of the building. At the same time, service life design of buildings keeps focusing strongly on physical factors, such as the durability of materials. This study intends to shed light on the relationship of the building's function and material by investigating demolition rates of Finnish buildings that are made of different materials (timber, concrete, bricks, steel) and that have different functions (10 categories, both residential and non-residential). The study uses demolition data from the Finnish Building and Dwelling Register (50 818 buildings – all buildings demolished between 2000 and 2012) and statistical data on the composition of the entire building stock. According to the results, the building type seems to be more decisive than the material. The highest loss rates take place amongst warehouse buildings.

### General information

Publication status: Published

MoE publication type: A4 Article in a conference publication

Organisations: School of Architecture, Research group: Built Environment in Transition

Contributors: Huuhka, S.

Number of pages: 7

Pages: 301-307

Publication date: 21 Jun 2016

### Host publication information

Title of host publication: YRSB16 - iiSBE Forum of Young Researchers in Sustainable Building 2016 : Innovations for Sustainable Future June 21, 2016, Prague

Place of publication: Prague

Publisher: Czech Technical University in Prague

Editors: Zelezna, J., Hajek, P., Tywoniak, J., Lupisek, A., Sojkova, K.

ISBN (Electronic): 978-80-01-05979-1

URLs:

<http://www.cesb.cz/yrsb/>

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

### Quantitative + qualitative information for heritage conservation: An open science research for paving 'collaboratively' the way to historical-BIM

Insofar as our cultural heritage (CH) has become not only an economic resource but a key element in defining our identity, its accurate and flexible documentation has emerged as an essential task. The generation of 3D information with physical and functional characteristics is now possible through the connection of survey data with Historical Building Information Modeling (HBIM). However, few studies have focused on the semantic enrichment process of models based on point clouds, especially on the field of cultural heritage. These singularities make the conversion of point cloud to 'as-built' HBIM an expensive process from the mathematical and computational viewpoint. At present, there is no software that guarantees automatic and efficient data conversion in architectural or urban contexts. The ongoing research 'Documenting and Visualizing Industrial Heritage' is conducted by the School of Architecture, Tampere University of Technology, Finland based on an Open Notebook Research Model. It is focused on advance the knowledge of digital operating environments for the representation and management of historical buildings and sites. On the one hand, the research is advancing in three-dimensional 'as-built' modeling based on remote sensing data, while on the other hand is aiming to incorporate more qualitative information based on concepts of production and management in the lifecycle of the built environment. The purpose of this presentation is to discuss the different approaches to date on the HBIM generation chain: from 3D point cloud data collection to semantically enriched parametric models.

### General information

Publication status: Published

MoE publication type: A4 Article in a conference publication

Organisations: School of Architecture, Research group: EDGE, Michigan Technological University, University of Valladolid

Contributors: Garcia-Fernandez, J., Joutsiniemi, A., Ahn, Y., Fernandez, J. J.

Number of pages: 2

Pages: 207-208

Publication date: 24 Feb 2016

### Host publication information

Title of host publication: 2015 Digital Heritage International Congress, Digital Heritage 2015

Publisher: IEEE

ISBN (Print): 9781509000487

ASJC Scopus subject areas: Computer Graphics and Computer-Aided Design, Computer Science Applications, Information Systems, Archaeology, Cultural Studies

Keywords: BIM, Conservation, HBIM, Heritage, Open Science, Remote Sensing

DOIs:

10.1109/DigitalHeritage.2015.7419495

Source: Scopus

Source ID: 84965156312

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

### Extending Professional Fields. Architectural Research and Regional Development

In this article, architectural research work is studied as an effective operations model in regional innovation networks of building clusters. The study focuses on the projects of an academic research team working at the University Centre of Seinäjoki, as well as on the innovation environment of the surrounding South Ostrobothnian region in Western Finland. There is no actual university in the region, but the University Centre hosts some twenty professors and their research teams from six Finnish universities. The head of the subject team is also the author of this article. Because of this, the

method applied in the article is a reflective action research approach.

The actions and impacts of the research work will be analysed through three case projects. The first case is the development of the large railway station area that will form a new 20-hectare multifunctional part of the city centre of Seinäjoki. The project has strong linkages to the economic policies of the city. The second case is related to the boom in new timber construction, which has been going on in Central Europe and Scandinavia for some time, but not so strongly in the subject region of this study. The aim of the project was to train small and medium-sized building cluster firms to take advantage of the emerging business potential in timber construction. The third case is closely related to the real speciality of the region. The city of Seinäjoki is home to one of the most complete building groups of architect Alvar Aalto, the famous civic centre that consists of the town hall, library, theatre, office building, church and the parish centre. At the moment there is a very demanding renovation project going on, which was also the main subject of the recent research and development project.

The descriptions of the projects are meant to illustrate the operational field of the research team, but the main focus of the article is to analyse the innovation environment that the researchers join as players among others, thus deviating from the more conventional role of architectural professionals.

#### **General information**

Publication status: Published

MoE publication type: A4 Article in a conference publication

Organisations: School of Architecture, Research group: Urban Laboratory

Contributors: Hynynen, A.

Number of pages: 12

Pages: 372-383

Publication date: 2016

#### **Host publication information**

Title of host publication: Proceedings of the CIB World Building Congress 2016. : Volume I - Creating built environments of new opportunities

Volume: I

Publisher: Tampere University of Technology. Department of Civil Engineering

Editors: Kähkönen, K., Keinänen, M.

ISBN (Print): 978-952-15-3741-7

URLs:

[https://tutcris.tut.fi/portal/files/6186667/WBC16\\_Vol\\_1.pdf](https://tutcris.tut.fi/portal/files/6186667/WBC16_Vol_1.pdf)

URLs:

<http://www.wbc16.com/wbc16/welcome.html>

Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific > peer-review

#### **Defining requirements for appreciation of patina**

##### **General information**

Publication status: Published

MoE publication type: A4 Article in a conference publication

Organisations: Architecture

Contributors: Kalakoski, I.

Number of pages: 14

Pages: 27-40

Publication date: 2016

##### **Host publication information**

Title of host publication: Aesthetics - the uneasy dimension in architecture

Volume: 2016-1

Place of publication: Trondheim

Publisher: Nordisk Arkitekturforskning

Editors: Toft, A. E., Rönn, M.

Edition: Proceedings Series

ISBN (Electronic): 978-91-983797-0-9

##### **Publication series**

Name: Proceedings Series

Publisher: Nordisk Arkitekturforskning

Volume: 2016-1

URLs:

<http://arkitekturforskning.net/files/journals/1/issues/89/89-1-PB.pdf>

### **Obstacles and opportunities for the reuse of structural elements**

The revised Waste Framework Directive (WFD) obliges Member States to improve material recycling. The EU's objective is to achieve a recycling rate of 70% for construction waste by the year 2020. Direct re-use of building elements is one way to support the objective.

In a national ReUSE project jointly funded by the Ministry of the Environment, VTT Technical Research Centre of Finland, Tampere University of Technology, Ekokem and Finnish Wood Research, the obstacles to and opportunities for re-use of structural elements were evaluated. The project addressed the potential and challenges currently facing the re-use of elements from existing buildings and design for re-use in new buildings. Number of case studies in which elements have been used in new buildings has also been mapped in the project.

Returning the structural components back to service in the built environment is a rather complex process affecting all the parties involved in the life cycle. Designers have to consider the new source of materials and carefully plan for deconstruction, increased demand for coordination and flexibility in decision making will be needed during construction, and finally new business areas can be opened up to provide services for the phase between deconstruction and new building. The process also depends strongly on the size and complexity of the element or structure that is being re-used.

Re-use of building elements without re-processing saves almost all of their embodied impacts and preserves their economic and cultural value. This has been always seen as the biggest opportunity to increase environmental efficiency of the built environment. In most of the cases the presented concept competes with other recovery strategies, and therefore its feasibility has to be always evaluated. Moreover, it is possible to extend the service life of such composite elements in existing building stock that cannot be easily recycled because of difficult material separation. Re-use creates many business opportunities in the local communities especially for re-distribution of salvaged material. In many cases is also cheaper to dismantle building part-by-part and sell the components than traditional demolition and waste processing. In that sense we can conclude that re-use concept is contributing to all aspects of sustainability of the built environment.

Unfortunately, there are many practical barriers to the building components re-use that should be addressed. One is the lack of strength grading rules for materials in re-used elements. This means that re-usable load-bearing components are forced to be applied for non-structural purpose unless they are thoroughly tested. Another barrier is the difficult deconstruction of existing buildings. The extended time and high demands on manual labour is usually increasing the cost of the whole process. This can be partly improved by applying standardized deconstruction practices, proper staff training and using selected technologies for deconstruction. However, the greatest impact on the building re-usability is in its design stage. Therefore we recommend addressing this issue in the planning of future steps towards resource efficiency.

### **General information**

Publication status: Published

MoE publication type: A4 Article in a conference publication

Organisations: School of Architecture, Research group: Built Environment in Transition, VTT Tech Res Ctr Finland, VTT Technical Research Center Finland

Contributors: Hradil, P., Huuhka, S., Wahlström, M.

Number of pages: 2

Pages: 85-86

Publication date: 10 Jun 2015

### **Host publication information**

Title of host publication: Book of abstracts of WASCON 2015 - Resource efficiency in construction : 9th International Conference on the Environmental and Technical Implications of Construction with Alternative Materials

Place of publication: Santander, Spain

Editors: Andrés, A., Coz, A., Arm, M., Heynen, J., Stegemann, J., Vandecasteele, C.

ISBN (Electronic): 9788460684220

Keywords: resource efficiency, recycling

URLs:

<http://wascon2015.geruc.es/event/wascon-2015-conference/>

### **Bibliographical note**

Full papers on USB

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

## **Shared use of research laboratories Changing spatial concepts: A Case Study in a Finnish Biomedical Organization**

### **General information**

Publication status: Published

MoE publication type: A4 Article in a conference publication

Organisations: School of Architecture, Research group: Public Buildings, Department of Civil Engineering  
Contributors: Yläoutinen, J., Peltoniemi, S., Nenonen, S.  
Number of pages: 15  
Pages: 183-197  
Publication date: 2015

#### Host publication information

Title of host publication: Conference on Research on Health Care Architecture : ARCH 14 Conference Proceedings  
November 19-21, 2014, Espoo, Finland  
Place of publication: Helsinki  
ISBN (Electronic): 978-952-60-6201-3

#### Publication series

Name: Aalto University publication series ART + DESIGN + ARCHITECTURE, 6/2015  
Publisher: Aalto University  
ISSN (Print): 1799-4861  
ISSN (Electronic): 1799-4853  
Keywords: healthcare architecture, hospital architecture, care facilities, hospital environments  
URLs:  
<http://urn.fi/URN:ISBN:978-952-60-6201-3>

#### Bibliographical note

ORG=ark,0.5  
ORG=rak,0.5

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

#### Strategic planning and epistemology of change: Probing the fitness of urban and planning systems with resilient spatial strategies

The aim of this paper is to question the fitness of our state-of-the-art urban planning and urban systems to adapt to continuous changes and disturbances in operating environment. We argue that in an attempt to help cities adapt to uncertain futures, strategic planning should be better informed by the epistemology of complex adaptive systems and better recognise recursive emergent processes between urban metabolism and morphology.

#### General information

Publication status: Published  
MoE publication type: A4 Article in a conference publication  
Organisations: School of Architecture, Research group: EDGE  
Contributors: Rantanen, A., Joutsiniemi, A.  
Number of pages: 12  
Pages: 336-347  
Publication date: 2015

#### Host publication information

Title of host publication: Sustainable Futures in a Changing Climate : Proceedings of the Conference "Sustainable Futures in a Changing Climate", 11-12 June 2014, Helsinki, Finland  
Volume: 2/2015  
Place of publication: Turku  
Publisher: Finland Futures Research Centre, University of Turku  
Editors: Hatakka, A., Vehmas, J.  
ISBN (Print): 978-952-249-303-3

#### Publication series

Name: FFRC eBOOK 2/2015  
Publisher: Finland Futures Research Centre, University of Turku  
ISSN (Electronic): 1797-1322  
Keywords: Strategic planning, Resilience, Complex adaptive system  
URLs:  
[http://www.researchgate.net/profile/Jari\\_Kaivo-oja/publication/280941248\\_Assessing\\_Sustainability\\_of\\_Economic\\_Growth\\_with\\_Sustainability\\_Window/links/55cd87ae08aeeab209b543e.pdf](http://www.researchgate.net/profile/Jari_Kaivo-oja/publication/280941248_Assessing_Sustainability_of_Economic_Growth_with_Sustainability_Window/links/55cd87ae08aeeab209b543e.pdf)  
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

#### Experience-Driven Design of Ambiances for Future Pop Up Workspaces

Knowledge work is in transformation and new means for supporting workers' wellbeing and productivity are needed. Pop Up workspaces are temporary and often social working environments where people can modify their environment to suit

their current work mode. The aim of the present research was to explore the opportunities of future Pop Up workspaces, and specifically their technology-mediated ambiances that can provide meaningful experiences for the workers. We employed the Experience-Driven Design (EDD) approach to gain insights of the desired experiences in Pop Up workspaces. We first conducted three participatory group sessions to ideate experience types for Pop Up workspaces. We then run a multidisciplinary concepting workshop in which we designed concepts for technology-mediated ambiances. Five experience categories for worker mindsets were identified, namely Liberty, Fellowship, Determination, Retreat and Recovery. We present ambiance concepts that utilise the mindsets and related target experiences, and how they can be supported by ambient technologies.

#### **General information**

Publication status: Published

MoE publication type: A4 Article in a conference publication

Organisations: Department of Pervasive Computing, Research group: Public Buildings, School of Architecture, Department of Information Management and Logistics, Research group: Novi, Research area: User experience, Augmented Human Activities (AHA), Institute of Society and Space (SOCIS)

Contributors: Ahtinen, A., Poutanen, J., Vuolle, M., Väänänen, K., Peltoniemi, S.

Number of pages: 17

Pages: 296-312

Publication date: 2015

#### **Host publication information**

Title of host publication: Ambient Intelligence : 12th European Conference, Aml 2015, Athens, Greece, November 11-13, 2015, Proceedings

Publisher: Springer Verlag

ISBN (Print): 978-3-319-26004-4

ISBN (Electronic): 978-3-319-26005-1

#### **Publication series**

Name: Lecture Notes in Computer Science

Volume: 9425

ISSN (Print): 0302-9743

DOIs:

10.1007/978-3-319-26005-1\_20

Additional files:

Ahtinen\_et\_al\_Aml2015\_v07\_cameraready\_v01

URLs:

<http://www.ami-conferences.org/2015/>

#### **Bibliographical note**

ORG=tie,0.7

ORG=ark,0.2

ORG=tlo,0.1

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

### **Unlikely similar – Forking paths and path-dependency in transportation studies of Helsinki and Melbourne**

#### **General information**

Publication status: Published

MoE publication type: A4 Article in a conference publication

Organisations: School of Architecture, Research group: EDGE, Curtin University

Contributors: Joutsiniemi, A., Curtis, C.

Publication date: 2015

#### **Host publication information**

Title of host publication: Book of Proceedings : 29th Annual AESOP 2015 Congress, Definite Space – Fuzzy Responsibility

ISBN (Electronic): 978-80-01-05782-7

URLs:

<http://www.aesop2015.eu/>

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

### **Interactive and Engaging Social Learning Spaces for Collaboration**

#### **General information**

Publication status: Published  
MoE publication type: A4 Article in a conference publication  
Organisations: School of Architecture  
Contributors: Poutanen, J., Syvänen, A., Frydenberg, M., Turunen, M., Walton, G.  
Number of pages: 6  
Pages: 1429-1434  
Publication date: 2014

#### Host publication information

Title of host publication: Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications; EdMedia 2014, World conference on educational Media and Technology, Dates: June 23 - 26, 2014, Location: Tampere, Finland  
Publisher: Association for the Advancement of Computing in Education (AACE)  
ISBN (Electronic): 978-1-939797-08-7

#### Publication series

Name: World Conference on Educational Multimedia, Hypermedia and Telecommunications  
Volume: 2014  
No.: 1  
URLs:  
<http://www.editlib.org/p/147672/>  
<http://www.editlib.org/j/EDMEDIA/v/2014/n/1/>

#### Bibliographical note

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2015-01-11<br/>Publisher name: Association for the Advancement of Computing in Education (AACE)  
Source: researchoutputwizard  
Source ID: 1299  
Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific > peer-review

#### Children and youth transport in different urban morphological types

As demonstrated in many earlier studies, the qualities of physical environment have great impacts on physical activity behavior. However, studying individual built environmental variables often produces contradictory effects between studies. To overcome this, we composed multivariate environmental types using principal component analysis that take notice of the inter-correlations between the physical environmental variables. To get a realistic view of the places children and adolescents visit in their daily life, we used mapping methodology where children themselves defined their important places. Based on 16 built environmental variables, six built environmental types were composed around these places.

We found that walking and cycling was most prominent in residential environments and least common in (central) business districts. Commercial environments as well as green environments had the highest proportions of car use. Most places, in general, were visited with friends, but most typically, commercial environments and (central) business districts were reached in the company of friends. Relatively many places were visited alone in residential areas.

#### General information

Publication status: Published  
MoE publication type: A4 Article in a conference publication  
Organisations: School of Architecture  
Contributors: Broberg, A., Hynynen, A., Sarjala, S.  
Number of pages: 19  
Pages: 1-19  
Publication date: 2014

#### Host publication information

Title of host publication: WSTLUR 2014 Proceedings. 2014 World Symposium on Transport and Land Use Research, June 24-27, 2014, Delft, the Netherlands  
Publisher: World Society for Transport and Land Use Research  
URLs:  
[http://www.wstlur.org/symposium/2014/presentations/Broberg\\_Hynynen\\_Sarjala\\_WSTLUR-Delft\\_30112013.pdf](http://www.wstlur.org/symposium/2014/presentations/Broberg_Hynynen_Sarjala_WSTLUR-Delft_30112013.pdf)  
<https://sites.google.com/a/umn.edu/wstlur-2014-proceedings/>

#### Bibliographical note

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2015-01-10<br/>Publisher name: World Society for Transport and Land Use Research  
Source: researchoutputwizard  
Source ID: 195

### **Finnish Building Stock: Does Urban Shrinkage Equal Demolition?**

#### **General information**

Publication status: Published

MoE publication type: A4 Article in a conference publication

Organisations: School of Architecture, Research group: Built Environment in Transition

Contributors: Huuhka, S.

Number of pages: 156

Pages: 64-71

Publication date: 2014

#### **Host publication information**

Title of host publication: ATUT Proceedings, 5th Annual Symposium of Architectural Research, ARCHITECTURE AND RESILIENCE, August 28-30, 2013 Tampere, Finland

Place of publication: Tampere

Publisher: Tampere University of Technology, School of Architecture

Editors: Chudoba, M., Joachimiak, M., Laak, M., Lehtovuori, P., Partanen, J., Rantanen, A., Siter, N.

ISBN (Print): 978-952-15-3109-5

ISBN (Electronic): 978-952-15-3109-5

URLs:

<http://urn.fi/URN:ISBN:978-952-15-3109-5>

#### **Bibliographical note**

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2015-01-26<br/>Publisher name: Tampere University of Technology, School of Architecture

Source: researchoutputwizard

Source ID: 521

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

### **Future-oriented building stock studies and the significance of values: addressing demolition behaviour with the Delphi method**

#### **General information**

Publication status: Published

MoE publication type: A4 Article in a conference publication

Organisations: School of Architecture, Research group: Built Environment in Transition

Contributors: Huuhka, S.

Number of pages: 8

Pages: 56-63

Publication date: 2014

#### **Host publication information**

Title of host publication: Proceedings of the 1st International Conference on Ageing of Materials & Structures, AMS'14, Delft, The Netherlands, 26-28 May 2014

Publisher: Delft University of Technology, DCMat Ageing Centre

Editors: van Breugel, K., Koenders, E.

ISBN (Print): 978-94-6186-314-0

#### **Bibliographical note**

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2014-12-30<br/>Publisher name: Delft University of Technology, DCMat Ageing Centre

Source: researchoutputwizard

Source ID: 522

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

### **Systemic Sustainability and Emerging Diversity of Shopping Concepts in Urban Multi-Agent Networks**

#### **General information**

Publication status: Published

MoE publication type: A4 Article in a conference publication

Organisations: Institute of Society and Space (SOCIS), School of Architecture, Research group: EDGE

Contributors: Rantanen, A., Iltanen, S., Joutsiniemi, A.



Pages: 510-517  
Publication date: 2014

#### Host publication information

Title of host publication: New Urban Configurations  
Publisher: Delft University Press  
Editors: Cavallo, R., Komossa, S., Marzot, N., Berghauer Pont, M., Kuijper, J.  
ISBN (Print): 978-1-61499-365-0  
ISBN (Electronic): 978-1-61499-366-7  
DOIs:  
10.3233/978-1-61499-365-0-517

#### Bibliographical note

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2015-03-20  
Source: researchoutputwizard  
Source ID: 1352  
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

### Designing Cities, Planning for People :

#### General information

Publication status: Published  
MoE publication type: A4 Article in a conference publication  
Organisations: School of Architecture  
Contributors: Chudoba, M.  
Number of pages: 10  
Pages: 76-85  
Publication date: 2014

#### Host publication information

Title of host publication: Proceedings of the 6th Annual Architectural Research Symposium in Finland 2014: Designing and Planning the Built Environment for Human Well-Being, October 23rd to 25th 2014 in Oulu : The 6th Annual Symposium of Architectural Research 2014 and The Annual NAAR Symposium 2014, October 23-25, 2014, Oulu, Finland  
ISBN (Print): 978-952-62-0635-6

#### Publication series

Name: University of Oulu, Department of Architecture, Publications  
No.: A61  
ISSN (Print): 0357-8704  
URLs:  
<http://ojs.tsv.fi/index.php/atut/issue/view/3140>  
<http://ojs.tsv.fi/index.php/atut/>

#### Bibliographical note

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2015-01-10  
Source: researchoutputwizard  
Source ID: 231  
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

### Pop-Up Spaces: From Prototyping to a Method of Revealing User-Attitudes

#### General information

Publication status: Published  
MoE publication type: A4 Article in a conference publication  
Organisations: School of Architecture  
Contributors: Poutanen, J.  
Number of pages: 11  
Pages: 13-23  
Publication date: 2014

#### Host publication information

Title of host publication: ATUT Proceedings, 5th Annual Symposium of Architectural Research, ARCHITECTURE AND RESILIENCE, August 28-30, 2013 Tampere, Finland  
Place of publication: Tampere

Publisher: Tampere University of Technology, School of Architecture  
Editors: Chudoba, M., Joachimiak, M., Laak, M., Lehtovuori, P., Partanen, J., Rantanen, A., Siter, N.  
ISBN (Print): 978-952-15-3109-5  
ISBN (Electronic): 978-952-15-3109-5  
URLs:  
<http://urn.fi/URN:ISBN:978-952-15-3109-5>

#### **Bibliographical note**

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2015-01-26<br/>Publisher name: Tampere University of Technology, School of Architecture  
Source: researchoutputwizard  
Source ID: 1297  
Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific > peer-review

### **Potential and barriers for reusing load-bearing building components in Finland**

#### **General information**

Publication status: Published  
MoE publication type: A4 Article in a conference publication  
Organisations: School of Architecture, Research group: Built Environment in Transition  
Contributors: Huuhka, S., Hakanen, J. H.  
Pages: 1-9  
Publication date: 2014

#### **Host publication information**

Title of host publication: 40th IAHS World Congress on Housing, Sustainable Housing Construction Proceedings, December 16-19, 2014, Funchal, Portugal  
Publisher: ITeCons  
Editors: Tadeu, A., Ural, D., Ural, O., Abrantes, V.  
ISBN (Print): 978-989-98949-1-4

#### **Bibliographical note**

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2015-01-12<br/>Publisher name: ITeCons  
Source: researchoutputwizard  
Source ID: 524  
Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific > peer-review

### **On-campus Third Places for Collaborative Use and BYOD**

#### **General information**

Publication status: Published  
MoE publication type: A4 Article in a conference publication  
Organisations: School of Architecture  
Contributors: Poutanen, J., Syvänen, A.  
Number of pages: 7  
Pages: 1395-1401  
Publication date: 2014

#### **Host publication information**

Title of host publication: Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications; EdMedia 2014, World conference on educational Media and Technology, Dates: June 23 - 26, 2014, Location: Tampere, Finland  
Publisher: Association for the Advancement of Computing in Education (AACE)  
ISBN (Electronic): 978-1-939797-08-7

#### **Publication series**

Name: World Conference on Educational Multimedia, Hypermedia and Telecommunications  
Volume: 2014  
No.: 1  
URLs:  
<http://www.editlib.org/p/147665/>  
<http://www.editlib.org/j/EDMEDIA/v/2014/n/1>

#### **Bibliographical note**

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2014-09-30<br/>Publisher name: Association for the Advancement of Computing in Education (AACE)  
Source: researchoutputwizard  
Source ID: 1298  
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

### **A Deep Organic Re-reading of Alvar Aalto's Design Approach**

#### **General information**

Publication status: Published  
MoE publication type: A4 Article in a conference publication  
Organisations: School of Architecture  
Contributors: Hynynen, A.  
Number of pages: 12  
Pages: 28-39  
Publication date: 2014

#### **Host publication information**

Title of host publication: Proceedings of the 6th Annual Architectural Research Symposium in Finland 2014: Designing and Planning the Built Environment for Human Well-Being, October 23rd to 25th in Oulu, Finland : The 6th Annual Symposium of Architectural Research 2014 and The Annual NAAR Symposium 2014, October 23-25, 2014, Oulu, Finland  
ISBN (Print): 978-952-62-0635-6

#### **Publication series**

Name: University of Oulu, Department of Architecture, Publications  
No.: A61  
ISSN (Print): 0357-8704  
URLs:  
<http://ojs.tsv.fi/index.php/atut/article/view/45276>  
<http://ojs.tsv.fi/index.php/atut/>

#### **Bibliographical note**

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2014-12-30  
Source: researchoutputwizard  
Source ID: 528  
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

### **A Designed Third Place as Social Learning Space in Higher Education - Case Motivaattori**

#### **General information**

Publication status: Published  
MoE publication type: A4 Article in a conference publication  
Organisations: School of Architecture  
Contributors: Poutanen, J.  
Number of pages: 10  
Pages: 688-697  
Publication date: 2013

#### **Host publication information**

Title of host publication: INTED 2013 Proceedings : 7th International Technology, Education and Development Conference, Valencia, Spain, 4th - 6th March, 2013  
Publisher: IATED  
ISBN (Print): 978-84-616-2661-8  
URLs:  
<http://www.inted2013.org>

#### **Bibliographical note**

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2014-10-08<br/>Publisher name: iated  
Source: researchoutputwizard  
Source ID: 3179  
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

## **The Non-Linear City**

### **General information**

Publication status: Published  
MoE publication type: A4 Article in a conference publication  
Organisations: School of Architecture  
Contributors: Partanen, J.  
Number of pages: 6  
Pages: 112-117  
Publication date: 2013

### **Host publication information**

Title of host publication: 12th WSEAS International Conference on Non-linear Analysis, Non-linear Systems and Chaos (NOLASC '13), Lamesos, Cyprus, March 21-23 2013  
Editors: Kanarachos, A., Mastorakis, N. E.  
ISBN (Print): 978-1-61804-170-8

### **Publication series**

Name: International Conference on Non-linear Analysis, Non-linear Systems and Chaos

### **Bibliographical note**

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2013-11-29  
Source: researchoutputwizard  
Source ID: 3098  
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

## **Participatory Design when Renovating Premises - Process and Methods**

### **General information**

Publication status: Published  
MoE publication type: A4 Article in a conference publication  
Organisations: School of Architecture  
Contributors: Ruohomäki, V., Lahtinen, M., Joutsiniemi, A.  
Number of pages: 6  
Pages: 1-6  
Publication date: 2013

### **Host publication information**

Title of host publication: Proceedings of the 45th Annual International Conference of the Nordic Ergonomics & Human Factors Society NES 2013. Ergonomics for Equality. 11-14 August 2013, Reykjavik, Iceland  
ISBN (Print): 978-9979-72-397-4

### **Publication series**

Name: Annual Conference of the Nordic Ergonomics Society  
URLs:  
<http://www.nes2013.is>

### **Bibliographical note**

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2013-12-29  
Source: researchoutputwizard  
Source ID: 3295  
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

## **Partial dismantling of 1960's to 80's housing estates - a sustainable holistic solution**

### **General information**

Publication status: Published  
MoE publication type: A4 Article in a conference publication  
Organisations: School of Architecture, Life Cycle Effectiveness of the Built Environment (LCE@BE), Research group: Built Environment in Transition  
Contributors: Huuhka, S.  
Number of pages: 9  
Pages: 1031-1039  
Publication date: 2013

### Host publication information

Title of host publication: Structures and Architecture, Concepts, Applications and Challenges, Proceedings of the 2nd International Conference on Structures and Architecture, ICESA 2013, Guimaraes, Portugal, 24.-26.7.2013

Editor: Cruz, P. J.

ISBN (Print): 978-0-415-66195-9

ISBN (Electronic): 978-0-203-79856-0

### Publication series

Name: International Conference on Structures and Architecture

### Bibliographical note

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2013-11-29

Source: researchoutputwizard

Source ID: 2355

Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific > peer-review

### Havaintoja yhteisöasumisesta

#### General information

Publication status: Published

MoE publication type: A4 Article in a conference publication

Organisations: School of Architecture

Contributors: Helamaa, A.

Number of pages: 10

Publication date: 2013

#### Host publication information

Title of host publication: Arkkitehtuuritutkimuksen päivät 2011. Tutkimus ja käytäntö, Proceedings of the 3rd Symposium of Architectural Research 2011. Research & Praxis

Place of publication: Oulu

Publisher: University of Oulu, Department of Architecture

Editors: Herneoja, A., Hirviniemi, H., Hirvonen-Kantola, S., Joutsiniemi, A., Luusua, A., Mäntysalo, R., Niskanen, A., Niskasaari, K., Pihlajaniemi, H., Rönkkö, E., Soikkeli, A., Soudunsaari, L., Suikkari, R., Tolonen, K.

ISBN (Print): 978-951-42-9981-0

ISBN (Electronic): 978-951-42-9982-7

#### Publication series

Name: Julkaisu- Oulun yliopisto. Arkkitehtuurin osasto. A

No.: 58

ISSN (Print): 0357-8704

URLs:

<http://herkules.oulu.fi/isbn9789514299827/isbn9789514299827.pdf>

#### Bibliographical note

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2013-12-29<br/>Publisher name: University of Oulu, Department of Architecture

Source: researchoutputwizard

Source ID: 2284

Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific > peer-review

### Spatial Simulation Model of Urban Retail System

#### General information

Publication status: Published

MoE publication type: A4 Article in a conference publication

Organisations: School of Architecture

Contributors: Iltanen, S.

Pages: 133-136

Publication date: 2012

#### Host publication information

Title of host publication: 2012 Proceedings of the Symposium on Simulation for Architecture and Urban Planning, March 26-30, 2012, Orlando

Place of publication: Orlando, FL

Publisher: Symposium on Simulation for Architecture and Urban Design

Editors: Nikilovska, L., Attar, R.

#### **Publication series**

Name: Symposium on Simulation for Architecture and Urban Planning

URLs:

<http://www.simaud.org/proceedings/>

#### **Bibliographical note**

ei ut-numeroa 14.8.2013<br/>Contribution: organisation=ark ays,FACT1=1<br/>Publisher name: Symposium on Simulation for Architecture and Urban Design

Source: researchoutputwizard

Source ID: 4304

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

### **Exploring complex dynamics with a CA-based urban model**

#### **General information**

Publication status: Published

MoE publication type: A4 Article in a conference publication

Organisations: School of Architecture

Contributors: Partanen, J.

Number of pages: 12

Pages: 257-268

Publication date: 2012

#### **Host publication information**

Title of host publication: Proceedings of CAMUSS, International Symposium on Cellular Automata Modeling for Urban and Spatial Systems, 8-10.11.2012, Oporto, Portugal

Publisher: Coimbra: Department of Civil Engineering of the University Coimbra

Editors: Pinto, N., Dourado, J., Natalio, A.

ISBN (Print): 978-972-96524-8-6

#### **Publication series**

Name: International Symposium on Cellular Automata Modeling for Urban and Spatial Systems

Publisher: Coimbra: Department of Civil Engineering of the University Coimbra

#### **Bibliographical note**

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2013-11-29

Source: researchoutputwizard

Source ID: 5023

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

### **Modeling Urban Dynamics in Self-organizing Enclaves: The Cases of Nekala and Vaasa**

#### **General information**

Publication status: Published

MoE publication type: A4 Article in a conference publication

Organisations: School of Architecture

Contributors: Partanen, J.

Number of pages: 8

Pages: 1-8

Publication date: 2011

#### **Host publication information**

Title of host publication: 17th European Colloquium on Quantitative and Theoretical Geography ECQTG2011, Harokopio University, Athens, Greece, 2nd to the 5th of September 2011

Place of publication: Athens

Publisher: Harokopio University

Editor: Kalogirou, S.

ISBN (Print): 978-960-87751-1-4

#### **Publication series**

Name: European Colloquium on Quantitative and Theoretical Geography ECQTG

Publisher: Harokopio University

**Bibliographical note**

ei ut-numeroa 26.4.2014<br/>Contribution: organisation=ark ays,FACT1=1

Source: researchoutputwizard

Source ID: 6969

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

**A Cellular Automata Model for Simulating Local Scale Urban Dynamics****General information**

Publication status: Published

MoE publication type: A4 Article in a conference publication

Organisations: School of Architecture

Contributors: Partanen, J.

Number of pages: 16

Pages: 1-16

Publication date: 2011

**Host publication information**

Title of host publication: 12th International Conference on Computers in Urban Planning and Urban Management CUPUM, Lake Louise, Canada July 5-8, 2011

Place of publication: Lake Louise

Publisher: CUPUM

Editors: Hunt, J. D., Abraham, J.

Article number: 144

**Publication series**

Name: International Conference on Computers in Urban Planning and Urban Management CUPUM

Publisher: CUPUM

**Bibliographical note**

ei ut-numeroa 26.4.2014<br/>Contribution: organisation=ark ays,FACT1=1

Source: researchoutputwizard

Source ID: 6968

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

**Combining Urban Morphological Network Analysis with Urban Growth Model SLEUTH****General information**

Publication status: Published

MoE publication type: A4 Article in a conference publication

Organisations: School of Architecture

Contributors: Iltanen, S.

Number of pages: 16

Pages: 1-16

Publication date: 2011

**Host publication information**

Title of host publication: 12th International Conference on Computers in Urban Planning and Urban Management CUPUM, Lake Louise, Canada July 5-8, 2011

Place of publication: Lake Louise

Publisher: CUPUM

Editors: Hunt, J. D., Abraham, J.

Article number: 194

**Publication series**

Name: International Conference on Computers in Urban Planning and Urban Management CUPUM

Publisher: CUPUM

**Bibliographical note**

ei ut-numeroa 15.3.2014<br/>Contribution: organisation=ark ays,FACT1=1

Source: researchoutputwizard

Source ID: 6165

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

## **Modelling Local Scale Land-Use: Case Nekala**

### **General information**

Publication status: Published  
MoE publication type: A4 Article in a conference publication  
Organisations: School of Architecture  
Contributors: Partanen, J.  
Number of pages: 8  
Pages: 106-113  
Publication date: 2011

### **Host publication information**

Title of host publication: Proceedings of the 19th GIS Research UK Annual Conference, University of Portsmouth with Ordnance Survey, UK, 27.-29.4.2011  
Place of publication: Portsmouth  
Publisher: GISRUK Conference Series  
Editors: Jones, C. E., Pearson, A., Hart, G., Groome, N.

### **Publication series**

Name: GIS Research UK Annual Conference  
Publisher: GISRUK Conference Series

### **Bibliographical note**

ei ut-numeroa 26.4.2014<br/>Contribution: organisation=ark ays,FACT1=1  
Source: researchoutputwizard  
Source ID: 6970  
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

## **Combining Geographical Potential Model with Micro Scale Network Analysis - With an Application of Shopping Centres in Helsinki City Region**

### **General information**

Publication status: Published  
MoE publication type: A4 Article in a conference publication  
Organisations: School of Architecture  
Contributors: Iltanen, S.  
Pages: 358-362  
Publication date: 2011

### **Host publication information**

Title of host publication: Proceedings of the 19th GIS Research UK Annual Conference, University of Portsmouth with Ordnance Survey, UK, 27.-29.4.2011  
Place of publication: Portsmouth  
Publisher: GISRUK Conference Series  
Editors: Jones, C. E., Pearson, A., Hart, G., Groome, N.

### **Publication series**

Name: GIS Research UK Annual Conference  
Publisher: GISRUK Conference Series

### **Bibliographical note**

ei ut-numeroa 15.3.2014<br/>Contribution: organisation=ark ays,FACT1=1  
Source: researchoutputwizard  
Source ID: 6164  
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

## **Shopping Centre Morphologies: Location, Accessibility, Integration - A Case Study of Shopping Malls in Helsinki and Tampere City Regions**

### **General information**

Publication status: Published  
MoE publication type: A4 Article in a conference publication  
Organisations: School of Architecture  
Contributors: Iltanen, S., Rantanen, A.  
Pages: 22-27



Publication date: 2011

#### **Host publication information**

Title of host publication: Urban Morphology and the Post-Carbon City, the 18th International Seminar on Urban Form ISUF 2011, Montreal, Canada 26-29 August 2011

Place of publication: Montreal

Publisher: Concordia University

#### **Publication series**

Name: International Seminar on Urban Form ISUF

Publisher: Concordia University

URLs:

[http://geography.ssc.uwo.ca/faculty/gilliland/ISUF2011\\_FullPapers.htm](http://geography.ssc.uwo.ca/faculty/gilliland/ISUF2011_FullPapers.htm)

#### **Bibliographical note**

ei ut-numeroa 15.3.2014<br/>Contribution: organisation=ark ays,FACT1=1

Source: researchoutputwizard

Source ID: 6167

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

### **Open source architecture - Johannesburg, South Africa**

#### **General information**

Publication status: Published

MoE publication type: A4 Article in a conference publication

Organisations: School of Architecture

Contributors: Alatalo, E.

Number of pages: 11

Pages: 1-11

Publication date: 2010

#### **Host publication information**

Title of host publication: Nordic Association of Architectural Research NAAR Annual Conference 2010, From Gesamtkunstwerk to Complexity - Architecture in All Scales, Tampere, Finland, 22.-24.04.2010

#### **Bibliographical note**

Contribution: organisation=ark ays,FACT1=1

Source: researchoutputwizard

Source ID: 7661

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

### **Evolution of the shopping mall type: A morphological approach**

#### **General information**

Publication status: Published

MoE publication type: A4 Article in a conference publication

Organisations: School of Architecture

Contributors: Rantanen, A.

Pages: 253-253

Publication date: 2010

#### **Host publication information**

Title of host publication: 24th AESOP Annual Conference, Space is Luxury, Espoo, Finland, 7-10 July 2010

URLs:

<http://aesop2010.tkk.fi/>

#### **Bibliographical note**

Contribution: organisation=ark ays,FACT1=1

Source: researchoutputwizard

Source ID: 9082

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

### **Evolution of the shopping mall type. Modifications in the Finnish context**

### General information

Publication status: Published  
MoE publication type: A4 Article in a conference publication  
Organisations: School of Architecture  
Contributors: Rantanen, A.  
Number of pages: 1  
Pages: 1-1  
Publication date: 2010

### Host publication information

Title of host publication: 17th Conference International Seminar on Urban Form ISUF 2010, Formation on Persistence of Townscape, Hamburg-Lubeck, Germany, 20-23 August 2010

### Bibliographical note

Contribution: organisation=ark:ays,FACT1=1  
Source: researchoutputwizard  
Source ID: 9081

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

## Eternal optimism? Ethics explained away

### General information

Publication status: Published  
MoE publication type: A4 Article in a conference publication  
Organisations: School of Architecture  
Contributors: Griffiths, G.  
Number of pages: 10  
Pages: 1-10  
Publication date: 2010

### Host publication information

Title of host publication: Nordic Association of Architectural Research NAAR Annual Conference 2010, From Gesamtkunstwerk to Complexity - Architecture in All Scales, Tampere, Finland, 22.-24.04.2010

### Bibliographical note

Contribution: organisation=ark:ays,FACT1=1  
Source: researchoutputwizard  
Source ID: 7955

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

## Can the new cosmology, cosmogenesis, serve as a basis for a shared value system in architecture? A critique of Charles Jencks

### General information

Publication status: Published  
MoE publication type: A4 Article in a conference publication  
Organisations: School of Architecture  
Contributors: Passinmäki, P.  
Number of pages: 8  
Pages: 1-8  
Publication date: 2010

### Host publication information

Title of host publication: Nordic Association of Architectural Research NAAR Annual Conference 2010, From Gesamtkunstwerk to Complexity - Architecture in All Scales, Tampere, Finland, 22.-24.04.2010

### Bibliographical note

Contribution: organisation=ark:aht,FACT1=1  
Source: researchoutputwizard  
Source ID: 8947

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

## City scale and the Gesamtkunstwerk idea in the work of Eliel Saarinen

### **General information**

Publication status: Published  
MoE publication type: A4 Article in a conference publication  
Organisations: School of Architecture  
Contributors: Chudoba, M.  
Number of pages: 13  
Pages: 1-13  
Publication date: 2010

### **Host publication information**

Title of host publication: Nordic Association of Architectural Research NAAR Annual Conference 2010, From Gesamtkunstwerk to Complexity - Architecture in All Scales, Tampere, Finland, 22.-24.04.2010

### **Bibliographical note**

Contribution: organisation=ark ays,FACT1=1  
Source: researchoutputwizard  
Source ID: 7804  
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

## **Cosmos, dwelling and identities - the notions of space and place of the Likuba people**

### **General information**

Publication status: Published  
MoE publication type: A4 Article in a conference publication  
Organisations: School of Architecture  
Contributors: Liwata, M.  
Number of pages: 8  
Pages: 1-8  
Publication date: 2010

### **Host publication information**

Title of host publication: Nordic Association of Architectural Research NAAR Annual Conference 2010, From Gesamtkunstwerk to Complexity - Architecture in All Scales, Tampere, Finland, 22.-24.04.2010

### **Bibliographical note**

Contribution: organisation=ark ays,FACT1=1  
Source: researchoutputwizard  
Source ID: 8660  
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

## **Reconstruction of architecture. New morphology, meaning and methodology for architecture**

### **General information**

Publication status: Published  
MoE publication type: A4 Article in a conference publication  
Organisations: School of Architecture  
Contributors: Launis, T.  
Number of pages: 53  
Pages: 1-53  
Publication date: 2010

### **Host publication information**

Title of host publication: Nordic Association of Architectural Research NAAR Annual Conference 2010, From Gesamtkunstwerk to Complexity - Architecture in All Scales, Tampere, Finland, 22.-24.04.2010

### **Bibliographical note**

Contribution: organisation=ark ars,FACT1=1  
Source: researchoutputwizard  
Source ID: 8587  
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

## **Complexity and ethics; evaluating the self-organizing reality**

### **General information**

Publication status: Published  
MoE publication type: A4 Article in a conference publication  
Organisations: School of Architecture  
Contributors: Partanen, J.  
Number of pages: 20  
Pages: 1-20  
Publication date: 2010

#### **Host publication information**

Title of host publication: Nordic Association of Architectural Research NAAR Annual Conference 2010, From Gesamtkunstwerk to Complexity - Architecture in All Scales, Tampere, Finland, 22.-24.04.2010

#### **Bibliographical note**

Contribution: organisation=ark ays,FACT1=1

Source: researchoutputwizard

Source ID: 8942

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

### **Cultural encounters in housing environments - designing meeting spaces for a multicultural neighborhood**

#### **General information**

Publication status: Published  
MoE publication type: A4 Article in a conference publication  
Organisations: School of Architecture  
Contributors: Maununaho, K.  
Number of pages: 10  
Pages: 1-10  
Publication date: 2010

#### **Host publication information**

Title of host publication: Nordic Association of Architectural Research NAAR Annual Conference 2010, From Gesamtkunstwerk to Complexity - Architecture in All Scales, Tampere, Finland, 22.-24.04.2010

#### **Bibliographical note**

Contribution: organisation=ark ars,FACT1=1

Source: researchoutputwizard

Source ID: 8769

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

### **Evaluating complexity - Ethical challenges in computational design processes**

#### **General information**

Publication status: Published  
MoE publication type: A4 Article in a conference publication  
Organisations: School of Architecture  
Contributors: Partanen, J.  
Pages: 1182-1192  
Publication date: 2010

#### **Host publication information**

Title of host publication: WASET 2010 World Academy of Science, Engineering and Technology Conference, Paris, France, June 28-30, 2010

URLs:

<http://www.waset.org/journals/waset>

#### **Bibliographical note**

Contribution: organisation=ark ays,FACT1=1

Source: researchoutputwizard

Source ID: 8943

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

### **From corner shop to heterotopia: evolution and revolution of the shopping mall type**

#### **General information**

Publication status: Published  
MoE publication type: A4 Article in a conference publication  
Organisations: School of Architecture  
Contributors: Rantanen, A.  
Number of pages: 16  
Pages: 1-16  
Publication date: 2010

#### Host publication information

Title of host publication: Nordic Association of Architectural Research NAAR Annual Conference 2010, From Gesamtkunstwerk to Complexity - Architecture in All Scales, Tampere, Finland, 22.-24.04.2010

#### Bibliographical note

Contribution: organisation=ark ays,FACT1=1

Source: researchoutputwizard

Source ID: 9083

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

### Open Source Architecture: Johannesburg, South Africa

#### General information

Publication status: Published  
MoE publication type: A4 Article in a conference publication  
Organisations: School of Architecture  
Contributors: Alatalo, E.  
Pages: 91-92  
Publication date: 2010

#### Host publication information

Title of host publication: 24th AESOP Annual Conference, Space is Luxury, Espoo, Finland, 7-10 July 2010

URLs:

[http://aesop2010.tkk.fi/pdf/AESOP\\_2010\\_Abstract\\_book.pdf](http://aesop2010.tkk.fi/pdf/AESOP_2010_Abstract_book.pdf)

#### Bibliographical note

Contribution: organisation=ark ays,FACT1=1

Source: researchoutputwizard

Source ID: 7662

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

### Tampereen arkkitehtikoulu 50 vuotta

#### General information

Publication status: Published  
MoE publication type: B1 Article in a scientific magazine  
Organisations: Architecture, Research group: Urban Planning and Design  
Contributors: Chudoba, M., Rajaniemi, J.  
Number of pages: 4  
Pages: 29-32  
Publication date: Dec 2019  
Peer-reviewed: No

#### Publication information

Journal: Yhdyskuntasuunnittelu  
Volume: 57  
Issue number: 3  
ISSN (Print): 1459-6806  
Original language: Finnish  
Research output: Contribution to journal › Review Article › Scientific

### Introduction

#### General information

Publication status: Published  
MoE publication type: B1 Article in a scientific magazine

Organisations: Architecture, Research group: Architecture: History and Theory  
Contributors: Havik, K., Passinmäki, P.  
Number of pages: 5  
Pages: 7-11  
Publication date: Jun 2019  
Peer-reviewed: No

#### **Publication information**

Journal: DATUTOP

Issue number: 38

ISSN (Print): 0359-7105

Original language: English

Electronic versions:

Havik and Passinmaki\_Introduction

URLs:

<http://urn.fi/URN:NBN:fi:tuni-202001241511>

URLs:

<http://urn.fi/URN:ISBN:978-952-03-1114-8> (Host publication)

Research output: Contribution to journal › Editorial › Scientific

### **Kaupunki on ihmisen koti. Klassikko 1999: Taina Rajanti: Kaupunki on ihmisen koti**

#### **General information**

Publication status: Published

MoE publication type: B1 Article in a scientific magazine

Organisations: Architecture, Research group: Urban Planning and Design

Contributors: Norvasuo, M.

Number of pages: 4

Pages: 60-63

Publication date: 2019

Peer-reviewed: No

#### **Publication information**

Journal: Yhdyskuntasuunnittelu

Volume: 57

Issue number: 2

ISSN (Print): 1459-6806

Original language: Finnish

DOIs:

10.33357/ys.83680

URLs:

<https://journal.fi/yhdyskuntasuunnittelu/article/view/83680>

Research output: Contribution to journal › Article › Scientific

### **Editorial: City Imaginings and Urban Everyday Life**

#### **General information**

Publication status: Published

MoE publication type: B1 Article in a scientific magazine

Organisations: Architecture, Research group: Urban Planning and Design, University of Oulu, University of Tampere

Contributors: Ylipulli, J., Ridell, S., Partanen, J.

Publication date: Jan 2018

Peer-reviewed: No

#### **Publication information**

Journal: WiderScreen

Volume: 1

Issue number: 2018

Article number: 01/2018

ISSN (Print): 1795-6161

Original language: English

URLs:

<http://widerscreen.fi/numerot/2018-1-2/editorial-city-imaginings-urban-everyday-life/>

Research output: Contribution to journal › Review Article › Scientific

### **Self-organisation challenging institutional planning: towards a new urban research and planning paradigm – a Finnish review**

#### **General information**

Publication status: Published

MoE publication type: B1 Article in a scientific magazine

Organisations: Architecture, Research group: Urban Planning and Design, Suomen ympäristökeskus SYKE - Finnish Environment Institute

Contributors: Rantanen, A. (ed.), Faehnle, M. (ed.)

Publication date: 2017

Peer-reviewed: No

Early online date: 31 Dec 2017

#### **Publication information**

Journal: Yhdyskuntasuunnittelu

Volume: 55

Issue number: 3

ISSN (Print): 1459-6806

Original language: English

URLs:

<http://www.yss.fi/journal/self-organisation-challenging-institutional-planning-towards-a-new-urban-research-and-planning-paradigm-a-finnish-review/>

Research output: Contribution to journal › Editorial › Scientific

### **Kohtaavatko yhdyskuntasuunnittelun muuttuvat tehtävät ja monitieteinen koulutus toisensa?**

#### **General information**

Publication status: Published

MoE publication type: B1 Article in a scientific magazine

Organisations: Research group: Urban Planning and Design, Architecture

Contributors: Norvasuo, M.

Publication date: 2017

Peer-reviewed: No

#### **Publication information**

Journal: Yhdyskuntasuunnittelu

Volume: 55

Issue number: 4

ISSN (Print): 1459-6806

Original language: Finnish

URLs:

<http://www.yss.fi/journal/kohtaavatko-yhdyskuntasuunnittelun-muuttuvat-tehtavat-ja-monitieteinen-koulutus-toisensa/>

Research output: Contribution to journal › Article › Scientific

### **Southdale Shopping Centre: Modernin kauppakeskuksen syntymästä 60 vuotta**

#### **General information**

Publication status: Published

MoE publication type: B1 Article in a scientific magazine

Organisations: School of Architecture

Contributors: Rantanen, A.

Publication date: Dec 2016

Peer-reviewed: No

#### **Publication information**

Journal: Yhdyskuntasuunnittelu

Volume: 54

Issue number: 4

ISSN (Print): 1459-6806

Original language: Finnish

Research output: Contribution to journal › Article › Scientific

### **1965: The Heart of Our Cities**

Arkkitehti Victor Gruenia (1903–1980) pidetään modernin kauppakeskuksen konseptin kehittäjänä. Yhdysvaltojen ensimmäinen katettu kauppakeskus (enclosed mall), Southdale Center, rakennettiin Minneapolisiin Edinaan vuonna 1956. Gruen muistetaan parhaiten kauppakeskuksista, mutta hänen ansionsa kaupunkisuunnittelijana ja teoreetikkona jää usein vähemmälle huomiolle. Suunnittelukäsitykset nousevat kulloisenkin aikakauden haasteista ja käytettävissä olevasta tiedosta. Siksi on kiinnostavaa Gruenia lukiessa kysyä, onko suhtautuminen kaupunkien suunnitteluun kaikesta tiedollisesta kehityksestä huolimatta juurikaan muuttunut. Tässä klassikkoarviossa keskityn Gruenin kaupunkisuunnitteluteoriaan ja kysyn, mikä oli Gruenin ideoiden merkitys aikanaan ja millaisen perinnön ne ovat jättäneet jälkipolville.

#### **General information**

Publication status: Published  
MoE publication type: B1 Article in a scientific magazine  
Organisations: School of Architecture  
Contributors: Rantanen, A.  
Publication date: 28 Mar 2016  
Peer-reviewed: No

#### **Publication information**

Journal: Yhdyskuntasuunnittelu  
Volume: 2015:53  
Issue number: 4  
ISSN (Print): 1459-6806  
Original language: Finnish  
URLs:  
<http://www.yss.fi/journal/1965-the-heart-of-our-cities/>  
Research output: Contribution to journal › Article › Scientific

### **Arkkitehdit saisivat olla hieman vaatimattomampia: Juhani Pallasmaan haastattelu**

#### **General information**

Publication status: Published  
MoE publication type: B1 Article in a scientific magazine  
Organisations: School of Architecture, Research group: History of Architecture  
Contributors: Passinmäki, P.  
Number of pages: 4  
Pages: 42-45  
Publication date: 2015  
Peer-reviewed: No

#### **Publication information**

Journal: Niin ja näin  
Volume: 87  
Issue number: 4  
ISSN (Print): 1237-1645  
Original language: Finnish  
Electronic versions:  
Arkkitehdit saisivat olla hieman vaatimattomampia. Juhani Pallasmaan haastattelu  
URLs:  
<http://urn.fi/URN:NBN:fi:tuni-202004083156>  
URLs:  
<http://www.netn.fi/lehti/niin-nain-415>  
Research output: Contribution to journal › Article › Scientific

### **1974 la production de l'espace : Henri Lefebvre (1974). La production de l'espace : Paris: Editions Anthropos. 485 p**

#### **General information**

Publication status: Published  
MoE publication type: B1 Article in a scientific magazine  
Organisations: School of Architecture  
Contributors: Lehtovuori, P.  
Number of pages: 3



Pages: 77-79  
Publication date: 2014  
Peer-reviewed: No

#### Publication information

Journal: Yhdyskuntasuunnittelu  
Volume: 52  
Issue number: 2  
ISSN (Print): 1459-6806  
Original language: Finnish

#### Bibliographical note

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2015-02-20  
Source: researchoutputwizard  
Source ID: 909  
Research output: Contribution to journal › Article › Scientific

### The Trout, the Stream, and the Letting-be. Alvar Aalto's Contribution to the Poetic Tradition of Architecture

#### General information

Publication status: Published  
MoE publication type: B1 Article in a scientific magazine  
Organisations: School of Architecture  
Contributors: Passinmäki, P.  
Number of pages: 9  
Publication date: 2013  
Peer-reviewed: No

#### Publication information

Journal: Alvaraaltoresearch.fi  
ISSN (Print): 2323-6906  
Original language: English  
URLs:

<http://www.alvaraaltoresearch.fi/articles/trout-stream-and-letting-be-alvar-aaltos-contribution-poetic/>

<http://www.alvaraaltoresearch.fi/>

#### Bibliographical note

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2013-06-29<br/>Publisher name: Alvar Aalto Museum  
Source: researchoutputwizard  
Source ID: 3104  
Research output: Contribution to journal › Article › Scientific

### Mitä peetä? : (Wisa Majamaa: The 4th P – people – in urban development based on Public-Private-People partnership ja Matti Kuronen: The role of partnerships in sustainable urban residential development.)

#### General information

Publication status: Published  
MoE publication type: B1 Article in a scientific magazine  
Organisations: School of Architecture  
Contributors: Joutsiniemi, A.  
Number of pages: 4  
Pages: 67-70  
Publication date: 2013  
Peer-reviewed: No

#### Publication information

Journal: Yhdyskuntasuunnittelu  
Volume: 51  
Issue number: 1  
ISSN (Print): 1459-6806  
Original language: Finnish

#### Bibliographical note

Kirjat : Majamaa, Wisa.(2008).The 4th P - people - in urban development based on Public-Private-People partnership.TKK Structural Engineering and Building Technology Dissertations: 2 TTK-R-VK2, Espoo.ISBN: 978-951-22-9585-2; Kuronen, Matti.(2011).The role of partnerships in sustainable urban residential development.Aalto University publication series:

Doctoral Dissertations 63/2011. ISBN 978-952-60-4220-6<br/>Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2013-12-29  
Source: researchoutputwizard  
Source ID: 2428  
Research output: Contribution to journal › Article › Scientific

## Suunnitelmallista hajaannusta

### General information

Publication status: Published  
MoE publication type: B1 Article in a scientific magazine  
Organisations: School of Architecture  
Contributors: Joutsiniemi, A.  
Pages: 4-7  
Publication date: 2013  
Peer-reviewed: No

### Publication information

Journal: Yhdyskuntasuunnittelu  
Volume: 51  
Issue number: 2  
ISSN (Print): 1459-6806  
Original language: Finnish

### Bibliographical note

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2013-12-29  
Source: researchoutputwizard  
Source ID: 2429  
Research output: Contribution to journal › Article › Scientific

**Klassikko täyttää pyöreitä : 1943 : The city - its growth, its decay, its future : Saarinen, E (1943). The city - its growth, its decay, its future. Cambridge, Massachussets: The MIT Press. ISBN 1262190176. 380s. : Kohti desentralisoitua kaupunkirakennetta**

### General information

Publication status: Published  
MoE publication type: B1 Article in a scientific magazine  
Organisations: School of Architecture  
Contributors: Chudoba, M.  
Number of pages: 3  
Pages: 74-76  
Publication date: 2013  
Peer-reviewed: No

### Publication information

Journal: Yhdyskuntasuunnittelu  
Volume: 51  
Issue number: 1  
ISSN (Print): 1459-6806  
Original language: Finnish

### Bibliographical note

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2013-11-29<br/>Publisher name: Yhdyskuntasuunnittelun Seura  
Source: researchoutputwizard  
Source ID: 2045  
Research output: Contribution to journal › Article › Scientific

## Informaatiohippasilla

### General information

Publication status: Published  
MoE publication type: B1 Article in a scientific magazine  
Organisations: School of Architecture

Contributors: Joutsiniemi, A.  
Number of pages: 4  
Pages: 4-7  
Publication date: 2013  
Peer-reviewed: No

#### **Publication information**

Journal: Yhdyskuntasuunnittelu  
Volume: 51  
Issue number: 1  
ISSN (Print): 1459-6806  
Original language: Finnish

#### **Bibliographical note**

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2013-12-29  
Source: researchoutputwizard  
Source ID: 2427  
Research output: Contribution to journal > Article > Scientific

### **The extended home: On design solutions for community oriented housing**

#### **General information**

Publication status: Published  
MoE publication type: B1 Article in a scientific magazine  
Organisations: School of Architecture  
Contributors: Helamaa, A.  
Number of pages: 15  
Pages: 70-84  
Publication date: 2013  
Peer-reviewed: No

#### **Publication information**

Journal: Social Sciences Directory  
Volume: 2  
Issue number: 4  
ISSN (Print): 2049-6869  
Original language: English  
DOIs:  
10.7563/SSD\_02\_04\_07

#### **Bibliographical note**

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2013-12-29<br/>Publisher name: Social Sciences Directory  
Source: researchoutputwizard  
Source ID: 2286  
Research output: Contribution to journal > Article > Scientific

### **Asukkaiden tarpeet ja ekologia asuntoreformin keskiössä (Esko Kahri ym. Asukasnäkökulma kaupunkiasumiseen)**

#### **General information**

Publication status: Published  
MoE publication type: B1 Article in a scientific magazine  
Organisations: School of Architecture  
Contributors: Hedman, M.  
Pages: 50-  
Publication date: 2012  
Peer-reviewed: No

#### **Publication information**

Journal: Yhdyskuntasuunnittelu  
Volume: 50  
Issue number: 1  
ISSN (Print): 1459-6806  
Original language: Finnish

### **Bibliographical note**

Contribution: organisation=ark ars,FACT1=1<br/>Publisher name: Yhdyskuntasuunnittelu-lehti

Source: researchoutputwizard

Source ID: 4170

Research output: Contribution to journal › Article › Scientific

### **Pääkirjoitus: Kaupunki vai urbaani ekosysteemi?**

#### **General information**

Publication status: Published

MoE publication type: B1 Article in a scientific magazine

Organisations: School of Architecture

Contributors: Joutsiniemi, A.

Pages: 4-7

Publication date: 2012

Peer-reviewed: No

#### **Publication information**

Journal: Yhdyskuntasuunnittelu

Volume: 50

Issue number: 1

ISSN (Print): 1459-6806

Original language: Finnish

### **Bibliographical note**

Contribution: organisation=ark ays,FACT1=1<br/>Publisher name: Yhdyskuntasuunnittelu-lehti

Source: researchoutputwizard

Source ID: 4362

Research output: Contribution to journal › Article › Scientific

### **Kisailua vai kerman kuorintaa**

#### **General information**

Publication status: Published

MoE publication type: B1 Article in a scientific magazine

Organisations: School of Architecture

Contributors: Joutsiniemi, A., Laine, M. R., Mäenpää, P., Annala, M., Holopainen, T.

Pages: 4-9

Publication date: 2012

Peer-reviewed: No

#### **Publication information**

Journal: Yhdyskuntasuunnittelu

Volume: 50

Issue number: 2

ISSN (Print): 1459-6806

Original language: Finnish

### **Bibliographical note**

Contribution: organisation=ark ays,FACT1=1<br/>Publisher name: Yhdyskuntasuunnittelu-lehti

Source: researchoutputwizard

Source ID: 4364

Research output: Contribution to journal › Article › Scientific

### **Instituutioiden imemänä**

#### **General information**

Publication status: Published

MoE publication type: B1 Article in a scientific magazine

Organisations: School of Architecture

Contributors: Joutsiniemi, A.

Number of pages: 4

Pages: 4-7

Publication date: 2012

Peer-reviewed: No

#### **Publication information**

Journal: Yhdyskuntasuunnittelu

Volume: 50

Issue number: 3

ISSN (Print): 1459-6806

Original language: Finnish

#### **Bibliographical note**

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2013-12-29

Source: researchoutputwizard

Source ID: 4361

Research output: Contribution to journal › Article › Scientific

### **Päätoimittajalta: Klikkejä imagiaarisessa kaupungissa**

#### **General information**

Publication status: Published

MoE publication type: B1 Article in a scientific magazine

Organisations: School of Architecture

Contributors: Joutsiniemi, A.

Pages: 4-7

Publication date: 2011

Peer-reviewed: No

#### **Publication information**

Journal: Yhdyskuntasuunnittelu

Volume: 49

Issue number: 2

ISSN (Print): 1459-6806

Original language: Finnish

#### **Bibliographical note**

Contribution: organisation=ark ays,FACT1=1<br/>Publisher name: Yhdyskuntasuunnittelu-lehti

Source: researchoutputwizard

Source ID: 6236

Research output: Contribution to journal › Article › Scientific

### **Decline or revival? Four small to medium-sized towns in Eastern Finland**

#### **General information**

Publication status: Published

MoE publication type: B1 Article in a scientific magazine

Organisations: School of Architecture

Contributors: Lodenius, S.

Pages: 35-38

Publication date: 2011

Peer-reviewed: No

#### **Publication information**

Journal: Project Baltia, Shoreline

Issue number: 12

Original language: English

#### **Bibliographical note**

Contribution: organisation=ark ays,FACT1=1

Source: researchoutputwizard

Source ID: 6644

Research output: Contribution to journal › Article › Scientific

### **Nollahypoteesina kunta**

#### **General information**

Publication status: Published  
MoE publication type: B1 Article in a scientific magazine  
Organisations: School of Architecture  
Contributors: Joutsiniemi, A.  
Pages: 4-7  
Publication date: 2011  
Peer-reviewed: No

#### **Publication information**

Journal: Yhdyskuntasuunnittelu  
Volume: 49  
Issue number: 3  
ISSN (Print): 1459-6806  
Original language: Finnish

#### **Bibliographical note**

Contribution: organisation=ark ays,FACT1=1<br/>Publisher name: Yhdyskuntasuunnittelu-lehti  
Source: researchoutputwizard  
Source ID: 6235  
Research output: Contribution to journal > Article > Scientific

### **Hämeenpuiston kahvila, Hämeenpuisto Cafe**

#### **General information**

Publication status: Published  
MoE publication type: B1 Article in a scientific magazine  
Organisations: School of Architecture  
Contributors: Pesonen, M.  
Pages: 42-43  
Publication date: 2011  
Peer-reviewed: No

#### **Publication information**

Journal: Puu - Suomalaista puuarkkitehtuuria ja rakentamista  
Issue number: 2  
ISSN (Print): 0357-9484  
Original language: Finnish  
URLs:  
<http://www.puuinfo.fi>

#### **Bibliographical note**

Contribution: organisation=ark ars,FACT1=1  
Source: researchoutputwizard  
Source ID: 7008  
Research output: Contribution to journal > Article > Scientific

### **The Finnish Waterfront**

#### **General information**

Publication status: Published  
MoE publication type: B1 Article in a scientific magazine  
Organisations: School of Architecture  
Contributors: Lodenius, S.  
Pages: 27-29  
Publication date: 2011  
Peer-reviewed: No

#### **Publication information**

Journal: Project Baltia, Shoreline  
Issue number: 13  
Original language: English

#### **Bibliographical note**

ei ut-numeroa 5.4.2014<br/>Contribution: organisation=ark ays,FACT1=1  
Source: researchoutputwizard

Source ID: 6646

Research output: Contribution to journal › Article › Scientific

### **Kolmas kerta toden sanoo**

#### **General information**

Publication status: Published

MoE publication type: B1 Article in a scientific magazine

Organisations: School of Architecture

Contributors: Joutsiniemi, A.

Pages: 4-7

Publication date: 2011

Peer-reviewed: No

#### **Publication information**

Journal: Yhdyskuntasuunnittelu

Volume: 49

Issue number: 4

ISSN (Print): 1459-6806

Original language: Finnish

#### **Bibliographical note**

Contribution: organisation=ark ays,FACT1=1<br/>Publisher name: Yhdyskuntasuunnittelu-lehti

Source: researchoutputwizard

Source ID: 6234

Research output: Contribution to journal › Article › Scientific

### **Monikulttuurisuus: segregatio vai integraatio? Havaintoja New Yorkin naapurustoista**

#### **General information**

Publication status: Published

MoE publication type: B1 Article in a scientific magazine

Organisations: School of Architecture

Contributors: Lodenius, S.

Pages: 55-57

Publication date: 2010

Peer-reviewed: No

#### **Publication information**

Journal: RY Rakennettu ympäristö

Issue number: 1/2010

Original language: Finnish

#### **Bibliographical note**

Contribution: organisation=ark ays,FACT1=1

Source: researchoutputwizard

Source ID: 8662

Research output: Contribution to journal › Article › Scientific

### **Arkkitehtitoimisto JKMM OY voitti Kolin kansallispuiston toiminta- ja palvelukeskuksen arkkitehtuurikilpailu**

#### **General information**

Publication status: Published

MoE publication type: B1 Article in a scientific magazine

Organisations: School of Architecture

Contributors: Tikka, H.

Pages: 36-37

Publication date: 2010

Peer-reviewed: No

#### **Publication information**

Journal: Arkkitehtiutiset

Issue number: 1/2010

ISSN (Print): 0044-8915

Original language: Finnish

#### **Bibliographical note**

Contribution: organisation=ark ars,FACT1=1

Source: researchoutputwizard

Source ID: 9406

Research output: Contribution to journal › Article › Scientific

#### **Modernia aikaa etsimässä**

##### **General information**

Publication status: Published

MoE publication type: B1 Article in a scientific magazine

Organisations: School of Architecture

Contributors: Soini, K.

Pages: 74-76

Publication date: 2010

Peer-reviewed: No

##### **Publication information**

Journal: RY Rakennettu ympäristö

Issue number: 4/2010

ISSN (Print): 1457-9510

Original language: Finnish

URLs:

<http://www.rakennustietolehdet.fi>

#### **Bibliographical note**

Contribution: organisation=ark aht,FACT1=1

Source: researchoutputwizard

Source ID: 9304

Research output: Contribution to journal › Article › Scientific

#### **Henkilökohtaista**

##### **General information**

Publication status: Published

MoE publication type: B1 Article in a scientific magazine

Organisations: School of Architecture

Contributors: Joutsiniemi, A.

Pages: 5-7

Publication date: 2010

Peer-reviewed: No

##### **Publication information**

Journal: Yhdyskuntasuunnittelu

Issue number: 2010:3

ISSN (Print): 1459-6806

Original language: Finnish

#### **Bibliographical note**

Pääkirjoitus<br/>Contribution: organisation=ark ays,FACT1=1

Source: researchoutputwizard

Source ID: 8226

Research output: Contribution to journal › Article › Scientific

#### **Kaupungin koodi ja innovaation paikka**

##### **General information**

Publication status: Published

MoE publication type: B1 Article in a scientific magazine

Organisations: School of Architecture

Contributors: Joutsiniemi, A.

Pages: 4-7



Publication date: 2010  
Peer-reviewed: No

#### **Publication information**

Journal: Yhdyskuntasuunnittelu  
Volume: 48  
Issue number: 4  
ISSN (Print): 1459-6806  
Original language: Finnish

#### **Bibliographical note**

Contribution: organisation=ark ays,FACT1=1<br/>Publisher name: Yhdyskuntasuunnittelu-lehti  
Source: researchoutputwizard  
Source ID: 8229  
Research output: Contribution to journal > Article > Scientific

### **Eriksson arkkitehdeille voitto. Yläksen uuden matkailukylän arkkitehtuurikilpailussa**

#### **General information**

Publication status: Published  
MoE publication type: B1 Article in a scientific magazine  
Organisations: School of Architecture  
Contributors: Lahdelma, I.  
Pages: 28-31  
Publication date: 2010  
Peer-reviewed: No

#### **Publication information**

Journal: Arkkitehtiutiset  
Issue number: 12/2010  
ISSN (Print): 0044-8915  
Original language: Finnish

#### **Bibliographical note**

Contribution: organisation=ark aht,FACT1=1  
Source: researchoutputwizard  
Source ID: 8528  
Research output: Contribution to journal > Article > Scientific

### **Urbaanin kesannot Tampereella**

#### **General information**

Publication status: Published  
MoE publication type: B1 Article in a scientific magazine  
Organisations: School of Architecture  
Contributors: Jäntti, A.  
Pages: 10-11  
Publication date: 2010  
Peer-reviewed: No

#### **Publication information**

Journal: Arkkitehtiutiset  
Issue number: 12/2010  
ISSN (Print): 0044-8915  
Original language: Finnish

#### **Bibliographical note**

Contribution: organisation=ark ays,FACT1=1  
Source: researchoutputwizard  
Source ID: 8191  
Research output: Contribution to journal > Article > Scientific

### **Kaupungin kiusalliset detaljit ja robustit ratkaisut**

### General information

Publication status: Published  
MoE publication type: B1 Article in a scientific magazine  
Organisations: School of Architecture  
Contributors: Joutsiniemi, A.  
Pages: 6-8  
Publication date: 2010  
Peer-reviewed: No

### Publication information

Journal: RY Rakennettu ympäristö  
Issue number: 4  
ISSN (Print): 1457-9510  
Original language: Finnish  
URLs:  
<http://www.rakennustietolehdet.fi>

### Bibliographical note

Contribution: organisation=ark ays,FACT1=1  
Source: researchoutputwizard  
Source ID: 8227  
Research output: Contribution to journal › Article › Scientific

## Метаморфология: новый взгляд на роль пространства в городском планировании

### General information

Publication status: Accepted/In press  
MoE publication type: B2 Part of a book or another research book  
Organisations: Architecture  
Contributors: Lehtovuori, P., Cerrone, D., Partanen, J.  
Publication date: 2018

### Host publication information

Title of host publication: Настройка языка : управление коммуникациями на постсоветском пространстве  
Place of publication: Moscow  
Publisher: Новое литературное обозрение  
Editor: Lapina Kratasyuk, E.  
ISBN (Print): 978-5-4448-0543-5  
Keywords: urban planning, Planning, planning and designing  
Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific

## Muutosmallit

### General information

Publication status: Published  
MoE publication type: B2 Part of a book or another research book  
Organisations: School of Architecture, Research group: Built Environment in Transition  
Contributors: Huuhka, S.  
Number of pages: 6  
Pages: 32-37  
Publication date: 1 Feb 2016

### Host publication information

Title of host publication: Tutkitusti parempi lähiö : Asuinalueiden kehittämissohjelman tutkimusjulkaisu  
Place of publication: Helsinki  
Publisher: Asumisen rahoittamis- ja kehittämiskeskus (ARA)  
Article number: 6  
ISBN (Print): 978-952-11-4549-0  
ISBN (Electronic): 978-952-11-4550-6  
URLs:  
<http://hdl.handle.net/10138/159846>  
Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific

## Meeting of Vernacular and Modern Architecture in Urbino: Giancarlo De Carlo and reading of the context

### General information

Publication status: Published  
MoE publication type: B2 Part of a book or another research book  
Organisations: School of Architecture, Research group: History of Architecture  
Contributors: Koponen, O.  
Number of pages: 4  
Pages: 26-29  
Publication date: 2015

### Host publication information

Title of host publication: Italian Vernadoc 2015 – Amandola : Studying Italia and its architecture. The first 10 VERNADOC-years  
Place of publication: Helsinki  
Publisher: Suomen ICOMOS, kansanrakentamisen komitea  
Editor: Mattila, M.  
ISBN (Print): 978-952-67465-9-3  
Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific

## Tavoitteena lähipuukerrostalo

### General information

Publication status: Published  
MoE publication type: B2 Part of a book or another research book  
Organisations: School of Architecture  
Contributors: Hynynen, A., Taanila, T.  
Number of pages: 10  
Pages: 378-397  
Publication date: 2014

### Host publication information

Title of host publication: Opetuksen ja tutkimuksen näkökulmia: Seinäjoen ammattikorkeakoulu 2014  
Place of publication: Seinäjoki  
Publisher: SEINÄJOEN AMMATTIKORKEAKOULU  
Editors: Viljamaa, A., Päälysho, S., Lauhanen, R.  
ISBN (Print): 978-952-5863-78-9  
ISBN (Electronic): 978-952-5863-79-6

### Publication series

Name: Seinäjoen ammattikorkeakoulun julkaisusarja A, Tutkimuksia  
Publisher: Seinäjoen Ammattikorkeakoulu  
No.: 17  
ISSN (Print): 1456-1735  
ISSN (Electronic): 1797-5565  
URLs:  
<http://urn.fi/URN:ISBN:978-952-5863-79-6>

### Bibliographical note

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2014-12-30  
Source: researchoutputwizard  
Source ID: 531  
Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific

## Kokemuksellisia pisteitä muuttuvassa kaupungissa : Havaintoja 2000-luvun Espoosta / Upplevelserum i den föränderliga staden : Observationer i Esbo på 2000-talet / Experiential places in a changing city : Observations in 21st century Espoo

### General information

Publication status: Published  
MoE publication type: B2 Part of a book or another research book  
Organisations: School of Architecture  
Contributors: Lehtovuori, P.  
Pages: 27-34; 38-41; 45-49  
Publication date: 2013

### Host publication information

Title of host publication: Espoo : arjen arkkitehtuuria / Esbo : arkitektur för alla / Espoo : everyday architecture  
Place of publication: Helsinki  
Publisher: PARVS PUBLISHING  
Editor: Hovinen, J.  
ISBN (Print): 978-952-5654-48-6

### Bibliographical note

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2013-12-29  
Source: researchoutputwizard  
Source ID: 2759  
Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific

## Tyyli -täydennysrakentamisen vaiettu ydinkysymys

### General information

Publication status: Published  
MoE publication type: B2 Part of a book or another research book  
Organisations: School of Architecture  
Contributors: Koponen, O.  
Number of pages: 160  
Pages: 90-95  
Publication date: 2013

### Host publication information

Title of host publication: Kulttuuriympäristön monet kasvot : puhetta suojelusta ja restauroinnista  
Place of publication: Helsinki  
Publisher: Suomenlinnan hoitokunta  
Editor: Perkiö, M.  
ISBN (Print): 978-951-9437-40-8

### Bibliographical note

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2013-11-29  
Source: researchoutputwizard  
Source ID: 2602  
Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific

## Patina herättää tunteita

### General information

Publication status: Published  
MoE publication type: B2 Part of a book or another research book  
Organisations: School of Architecture  
Contributors: Kalakoski, I.  
Pages: 122-124  
Publication date: 2013

### Host publication information

Title of host publication: Kulttuuriympäristön monet kasvot : puhetta suojelusta ja restauroinnista  
Place of publication: Helsinki  
Publisher: Suomenlinnan hoitokunta  
Editor: Perkiö, M.  
ISBN (Print): 978-951-9437-40-8

### Bibliographical note

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2013-11-29  
Source: researchoutputwizard  
Source ID: 2458  
Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific

## Kaupungista välittäminen : reitityksiä kohti urbaania mannerta

### General information

Publication status: Published

MoE publication type: B2 Part of a book or another research book  
Organisations: School of Architecture  
Contributors: Lehtovuori, P.  
Number of pages: 10  
Pages: 111-120  
Publication date: 2013

#### Host publication information

Title of host publication: Matkalla : Professori Pauli Tapani Karjalaisen 60-vuotisjuhlakirja  
Place of publication: Oulu  
Publisher: Anssi Paasi  
Editors: Paasi, A., Rannila, P., Tani, S.  
ISBN (Print): 978-952-93-1901-5

#### Bibliographical note

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2013-12-29  
Source: researchoutputwizard  
Source ID: 2757  
Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific

### Monitasoinen verkostokaupunkimalli

#### General information

Publication status: Published  
MoE publication type: B2 Part of a book or another research book  
Organisations: School of Architecture  
Contributors: Joutsiniemi, A., Syrman, S.  
Pages: 15-20  
Publication date: 2012

#### Host publication information

Title of host publication: Kestävät kauppapaikat verkostokaupungissa. Aalto-yliopiston julkaisusarja TIEDE + TEKNOLOGIA  
Place of publication: Espoo  
Publisher: Aalto-yliopisto. Insinöörityöiden korkeakoulu. Maankäyttötieteiden laitos. Yhdyskuntasuunnittelun tutkimus- ja koulutusryhmä YTK  
Editors: Raine, M., Anssi, J., Suvi, N., Simo, S.  
ISBN (Print): 978-952-60-4738-6  
ISBN (Electronic): 978-952-60-4737-9  
URLs:  
<https://aalto.fi/handle/123456789/4775>  
<http://urn.fi/URN:ISBN:978-952-60-4737-9>

#### Bibliographical note

Contribution: organisation=ark ays,FACT1=1  
Source: researchoutputwizard  
Source ID: 4365  
Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific

### Maalaiskoulu - kylän ensimmäinen julkinen rakennus

#### General information

Publication status: Published  
MoE publication type: B2 Part of a book or another research book  
Organisations: School of Architecture  
Contributors: Koponen, O.  
Pages: 20-21  
Publication date: 2012

#### Host publication information

Title of host publication: Kyläkoulut : Finn VERNADOC 2011 - Kyläkoulukinkerit  
Place of publication: Ruovesi  
Publisher: Ruoveden Kotiseutuyhdistys ry; Suomen ICOMOS  
Editor: Markku, M.  
ISBN (Print): 978-952-67465-1-7

### **Bibliographical note**

Contribution: organisation=ark aht,FACT1=1

Source: researchoutputwizard

Source ID: 4525

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific

### **Kyläkouluhanke**

#### **General information**

Publication status: Published

MoE publication type: B2 Part of a book or another research book

Organisations: School of Architecture

Contributors: Mattila, M.

Pages: 10-11

Publication date: 2012

#### **Host publication information**

Title of host publication: Kyläkoulut : Finn VERNADOC 2011 - Kyläkoulukinkerit

Publisher: Ruoveden Kotiseutuyhdistys ry; Suomen ICOMOS

Editor: Mattila, M.

ISBN (Print): 978-952-67465-1-7

### **Bibliographical note**

Contribution: organisation=ark aht,FACT1=1

Source: researchoutputwizard

Source ID: 4835

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific

### **Rannat Helsingin seudun dynamona : Unelma omaehtoisesta kaupunkitilan tuottamisesta**

#### **General information**

Publication status: Published

MoE publication type: B2 Part of a book or another research book

Organisations: Former organisation of the author

Contributors: Lehtovuori, P.

Pages: 20-31

Publication date: 2012

#### **Host publication information**

Title of host publication: Rantaviivoja : asuinalueita veden äärellä

Place of publication: Helsinki

Publisher: Suomen arkkitehtuurimuseo

Editors: Lahti, J., Paatero, K., Rauske, E.

ISBN (Print): 978-952-5195-40-8

### **Bibliographical note**

in English r=4770<br/>Contribution: organisation=ark,FACT1=1

Source: researchoutputwizard

Source ID: 4679

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific

### **The Mermaid of Helsinki, Finland**

#### **General information**

Publication status: Published

MoE publication type: B2 Part of a book or another research book

Organisations: School of Architecture, Department of Chemistry and Bioengineering, Former organisation of the author

Contributors: Hynynen, A. J., Juuti, P. S., Katko, T. S.

Number of pages: 5

Pages: 107-111

Publication date: 2012

#### **Host publication information**

Title of host publication: Water Fountains in the Worldscape

Place of publication: Kangasala  
Publisher: International Water History Association and Kehrämedia Inc.  
Editors: Ari, J. H., Petri, S. J., Tapio, S. K.  
ISBN (Print): 978-951-98151-8-3

#### **Bibliographical note**

Ei UT-numeroa 14.8.2013<br/>Contribution: organisation=ark ays,FACT1=0.5<br/>Contribution: organisation=keb bio,FACT2=0.5

Source: researchoutputwizard

Source ID: 4281

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific

#### **Koulurakennusten mittaus ja uuskäyttö : TTY:n arkkitehtuurin historian harjoitustöitä**

##### **General information**

Publication status: Published

MoE publication type: B2 Part of a book or another research book

Organisations: School of Architecture

Contributors: Saatsi, P.

Pages: 128-128

Publication date: 2012

##### **Host publication information**

Title of host publication: Kyläkoulut : Finn VERNADOC 2011 - Kyläkoulukinkerit

Place of publication: Ruovesi

Publisher: Suomen ICOMOS, Ruoveden Kotiseutuyhdistys ry

Editor: Markku, M.

ISBN (Print): 978-952-67465-1-7

##### **Bibliographical note**

Contribution: organisation=ark aht,FACT1=1

Source: researchoutputwizard

Source ID: 5241

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific

#### **Kaupunkien dynamiikka ja simulaatiomallit**

##### **General information**

Publication status: Published

MoE publication type: B2 Part of a book or another research book

Organisations: School of Architecture

Contributors: Iltanen, S.

Pages: 198-205

Publication date: 2012

##### **Host publication information**

Title of host publication: Kestävät kauppapaikat verkostokaupungissa. Aalto-yliopiston julkaisusarja TIEDE + TEKNOLOGIA

Place of publication: Espoo

Publisher: Aalto-yliopisto. Insinööritieteiden korkeakoulu. Maankäyttötieteiden laitos. Yhdyskuntasuunnittelun tutkimus- ja koulutusryhmä YTK

Editors: Raine, M., Anssi, J., Suvi, N., Simo, S.

ISBN (Print): 978-952-60-4738-6

ISBN (Electronic): 978-952-60-4737-9

URLs:

<https://aaltodoc.aalto.fi/handle/123456789/4775>

<http://urn.fi/URN:ISBN:978-952-60-4737-9>

##### **Bibliographical note**

Contribution: organisation=ark ays,FACT1=1

Source: researchoutputwizard

Source ID: 4303

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific

## Shores as dynamos of the Helsinki region : A dream of spontaneous production of urban space

### General information

Publication status: Published  
MoE publication type: B2 Part of a book or another research book  
Organisations: School of Architecture  
Contributors: Lehtovuori, P.  
Pages: 20-31  
Publication date: 2012

### Host publication information

Title of host publication: Shorelines : residential areas by the water  
Place of publication: Helsinki  
Publisher: Museum of Finnish Architecture  
Editors: Lahti, J., Paatero, K., Rauske, E.  
ISBN (Print): 978-952-5195-41-5

### Bibliographical note

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2013-12-29  
Source: researchoutputwizard  
Source ID: 4680  
Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific

## Part V: Comparative Analysis of the Omnipresent Water Fountains

### General information

Publication status: Published  
MoE publication type: B2 Part of a book or another research book  
Organisations: School of Architecture, Department of Chemistry and Bioengineering, Former organisation of the author  
Contributors: Hynynen, A. J., Juuti, P. S., Katko, T. S.  
Pages: 137-212  
Publication date: 2012

### Host publication information

Title of host publication: Water Fountains in the Worldscape  
Place of publication: Kangasala  
Publisher: International Water History Association and Kehrämedia Inc.  
Editors: Ari, J. H., Petri, S. J., Tapio, S. K.  
ISBN (Print): 978-951-98151-8-3

### Bibliographical note

Ei UT-numeroa 14.8.2013<br/>Contribution: organisation=ark ays,FACT1=0.5<br/>Contribution: organisation=kebio,FACT2=0.5  
Source: researchoutputwizard  
Source ID: 4280  
Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific

## Kansainvälinen mittausleiri, näyttely ja kyläkoulukinkerit

### General information

Publication status: Published  
MoE publication type: B2 Part of a book or another research book  
Organisations: School of Architecture  
Contributors: Mattila, M.  
Pages: 12-14  
Publication date: 2012

### Host publication information

Title of host publication: Kyläkoulut : Finn VERNADOC 2011 - Kyläkoulukinkerit  
Place of publication: Ruovesi  
Publisher: Ruoveden Kotiseutuyhdistys ry; Suomen ICOMOS  
Editor: Markku, M.  
ISBN (Print): 978-952-67465-1-7



### **Bibliographical note**

Contribution: organisation=ark aht,FACT1=1

Source: researchoutputwizard

Source ID: 4834

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific

### **Kaupan typologinen evoluutio dynaamisissa monitoimijaisissa verkostoissa**

#### **General information**

Publication status: Published

MoE publication type: B2 Part of a book or another research book

Organisations: School of Architecture

Contributors: Rantanen, A.

Pages: 32-45

Publication date: 2012

#### **Host publication information**

Title of host publication: Kestävät kauppapaikat verkostokaupungissa. Aalto-yliopiston julkaisusarja TIEDE + TEKNOLOGIA

Place of publication: Espoo

Publisher: Aalto-yliopisto. Insinööritieteiden korkeakoulu. Maankäyttötieteiden laitos. Yhdyskuntasuunnittelun tutkimus- ja koulutusryhmä YTK

Editors: Raine, M., Anssi, J., Suvi, N., Simo, S.

ISBN (Print): 978-952-60-4738-6

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<http://urn.fi/URN:ISBN:978-952-60-4737-9>

### **Bibliographical note**

Contribution: organisation=ark ays,FACT1=1

Source: researchoutputwizard

Source ID: 5159

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific

### **Dynaaminen simulaatiomalli**

#### **General information**

Publication status: Published

MoE publication type: B2 Part of a book or another research book

Organisations: School of Architecture

Contributors: Iltanen, S.

Pages: 21-31

Publication date: 2012

#### **Host publication information**

Title of host publication: Kestävät kauppapaikat verkostokaupungissa. Aalto-yliopiston julkaisusarja TIEDE + TEKNOLOGIA

Place of publication: Espoo

Publisher: Aalto-yliopisto. Insinööritieteiden korkeakoulu. Maankäyttötieteiden laitos. Yhdyskuntasuunnittelun tutkimus- ja koulutusryhmä YTK

Editors: Raine, M., Anssi, J., Suvi, N., Simo, S.

ISBN (Print): 978-952-60-4738-6

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URLs:

<https://aaltodoc.aalto.fi/handle/123456789/4775>

<http://urn.fi/URN:ISBN:978-952-60-4737-9>

### **Bibliographical note**

Contribution: organisation=ark ays,FACT1=1

Source: researchoutputwizard

Source ID: 4301

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific

## Saksalan pikkukoulu - koulusta kodiksi

### General information

Publication status: Published  
MoE publication type: B2 Part of a book or another research book  
Organisations: School of Architecture  
Contributors: Saatsi, P.  
Pages: 87-92  
Publication date: 2012

### Host publication information

Title of host publication: Kyläkoulut : Finn VERNADOC 2011 - Kyläkoulukinkerit  
Place of publication: Ruovesi  
Publisher: Ruoveden Kotiseutuyhdistys ry; Suomen ICOMOS  
Editor: Markku, M.  
ISBN (Print): 978-952-67465-1-7

### Bibliographical note

Contribution: organisation=ark aht,FACT1=1  
Source: researchoutputwizard  
Source ID: 5243  
Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific

## Kauppapaikkojen suunnittelun ja johtamisen välineet kestävässä verkostokaupungissa

### General information

Publication status: Published  
MoE publication type: B2 Part of a book or another research book  
Organisations: School of Architecture  
Contributors: Nenonen, S., Joutsiniemi, A.  
Pages: 196-197  
Publication date: 2012

### Host publication information

Title of host publication: Kestävät kauppapaikat verkostokaupungissa. Aalto-yliopiston julkaisusarja TIEDE + TEKNOLOGIA  
Place of publication: Espoo  
Publisher: Aalto-yliopisto. Insinööritieteiden korkeakoulu. Maankäyttötieteiden laitos. Yhdyskuntasuunnittelun tutkimus- ja koulutusryhmä YTK  
Editors: Raine, M., Anssi, J., Suvi, N., Simo, S.  
ISBN (Print): 978-952-60-4738-6  
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URLs:  
<https://aaltodoc.aalto.fi/handle/123456789/4775>  
<http://urn.fi/URN:ISBN:978-952-60-4737-9>

### Bibliographical note

Contribution: organisation=ark ays,FACT1=1  
Source: researchoutputwizard  
Source ID: 4911  
Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific

## Seutukaupunkien kehittämismenetelmä ja menetelmän testaus

### General information

Publication status: Published  
MoE publication type: B2 Part of a book or another research book  
Organisations: School of Architecture  
Contributors: Hynynen, A., Villanen, M.  
Number of pages: 20  
Pages: 102-121  
Publication date: 2012

### Host publication information

Title of host publication: Takaisin kartalle : suomalainen seutukaupunki. Kuntaliiton Acta-julkaisusarja  
Place of publication: Helsinki  
Publisher: Suomen Kuntaliitto  
Editor: Ari, H.  
ISBN (Print): 978-952-213-889-7  
ISBN (Electronic): 978-952-213-890-3

### Bibliographical note

Contribution: organisation=ark ays,FACT1=1  
Source: researchoutputwizard  
Source ID: 4283  
Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific

## The Fountain A Harbinger of a New Era in Case Tampere

### General information

Publication status: Published  
MoE publication type: B2 Part of a book or another research book  
Organisations: School of Architecture, Department of Chemistry and Bioengineering, Former organisation of the author  
Contributors: Hynynen, A., Juuti, P., Katko, T.  
Pages: 63-70  
Publication date: 2011

### Host publication information

Title of host publication: Water Fountains in the Cityscape. Essays in Public Works History  
Place of publication: Kansas City,MO  
Publisher: Public Works Historical Society  
Editors: Hynynen, A. J., Juuti, P. S., Katko, T. S.  
ISBN (Print): 978-1-60675-029-2

### Publication series

Name: Essays in Public Works History  
Publisher: Public Works Historical Society  
Volume: 30  
ISSN (Print): 1047-5257

### Bibliographical note

ei ut-numeroa 15.3.2014<br/>Contribution: organisation=ark ays,FACT1=0.33<br/>Contribution: organisation=keb  
bio,FACT2=0.67  
Source: researchoutputwizard  
Source ID: 6156  
Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific

## VERNADOC - documenting vernacular architecture

### General information

Publication status: Published  
MoE publication type: B2 Part of a book or another research book  
Organisations: School of Architecture  
Contributors: Mattila, M.  
Pages: 92-93  
Publication date: 2011

### Host publication information

Title of host publication: CIAV VERNADOC 2010: Keski-Skandinavian suomalaiset: Östmarkin kirkko, savutuvat  
Place of publication: Helsinki  
Publisher: Suomen ICOMOS, kansanrakentamisen komitea  
Editor: Mattila, M.  
ISBN (Print): 978-951-96602-9-5

### Bibliographical note

ei ut-numeroa 9.4.2014<br/>Contribution: organisation=ark aht,FACT1=1  
Source: researchoutputwizard  
Source ID: 6781

### **Pajaniemen savusauna, Vehkajärvi - Pajaniemi smoke sauna in Häme Finland**

#### **General information**

Publication status: Published  
MoE publication type: B2 Part of a book or another research book  
Organisations: School of Architecture  
Contributors: Mattila, M.  
Pages: 176-177  
Publication date: 2011

#### **Host publication information**

Title of host publication: CIAV VERNADOC 2010: Keski-Skandinavian suomalaiset: Östmarkin kirkko, savutuvat  
Place of publication: Helsinki  
Publisher: Suomen ICOMOS, kansanrakentamisen komitea  
Editor: Mattila, M.  
ISBN (Print): 978-951-96602-9-5

#### **Bibliographical note**

Contribution: organisation=ark aht,FACT1=1  
Source: researchoutputwizard  
Source ID: 6779  
Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific

### **Filippiiniläinen vuoristotalo - A mountain house in Patad Ifugao Luzon, Philippines**

#### **General information**

Publication status: Published  
MoE publication type: B2 Part of a book or another research book  
Organisations: School of Architecture  
Contributors: Mattila, M.  
Pages: 198-199  
Publication date: 2011

#### **Host publication information**

Title of host publication: CIAV VERNADOC 2010: Keski-Skandinavian suomalaiset: Östmarkin kirkko, savutuvat  
Place of publication: Helsinki  
Publisher: Suomen ICOMOS, kansanrakentamisen komitea  
Editor: Mattila, M.  
ISBN (Print): 978-951-96602-9-5

#### **Bibliographical note**

Contribution: organisation=ark aht,FACT1=1  
Source: researchoutputwizard  
Source ID: 6774  
Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific

### **Johdanto: kauppakeskukset osana kestäväää kulutusta ja kaupunkirakennetta**

#### **General information**

Publication status: Published  
MoE publication type: B2 Part of a book or another research book  
Organisations: Research group: Urban Laboratory, School of Architecture, Aalto University  
Contributors: Hynynen, A., Rantanen, A., Kanninen, V., Mäntysalo, R.  
Pages: 6-16  
Publication date: 2011

#### **Host publication information**

Title of host publication: Kauppakeskukset osana kestäväää kulutusta ja kaupunkirakennetta. Yhdyskuntasuunnittelun tutkimus- ja koulutuskeskuksen julkaisuja C  
Place of publication: Espoo  
Publisher: Aalto-yliopisto  
Editors: Kanninen, V., Rantanen, A.

ISBN (Print): 978-952-60-3541-3

URLs:

<http://lib.tkk.fi/Reports/2010/isbn9789526035420.pdf>

#### **Bibliographical note**

Poistettu tupla r=1264<br/>Contribution: organisation=ark ays,FACT1=1

Source: researchoutputwizard

Source ID: 6158

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific

### **Myllymäen savusauna - Myllymäki smoke sauna in uusimaa, Finland**

#### **General information**

Publication status: Published

MoE publication type: B2 Part of a book or another research book

Organisations: School of Architecture

Contributors: Mattila, M., Freese, S.

Pages: 170-173

Publication date: 2011

#### **Host publication information**

Title of host publication: CIAV VERNADOC 2010: Keski-Skandinavian suomalaiset: Östmarkin kirkko, savutuvat

Place of publication: Helsinki

Publisher: Suomen ICOMOS, kansanrakentamisen komitea

Editor: Mattila, M.

ISBN (Print): 978-951-96602-9-5

#### **Bibliographical note**

Contribution: organisation=ark aht,FACT1=1

Source: researchoutputwizard

Source ID: 6782

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific

### **CIAV VERNADOC 2010 - Östmark church and smoke cabins**

#### **General information**

Publication status: Published

MoE publication type: B2 Part of a book or another research book

Organisations: School of Architecture

Contributors: Mattila, M.

Pages: 7-9

Publication date: 2011

#### **Host publication information**

Title of host publication: CIAV VERNADOC 2010: Keski-Skandinavian suomalaiset: Östmarkin kirkko, savutuvat

Place of publication: Helsinki

Publisher: Suomen ICOMOS, kansanrakentamisen komitea

Editor: Mattila, M.

ISBN (Print): 978-951-96602-9-5

#### **Bibliographical note**

ei ut-numeroa 9.4.2014<br/>Contribution: organisation=ark aht,FACT1=1

Source: researchoutputwizard

Source ID: 6773

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific

### **Liikennepalvelumallit ja vaikutusten arviointi. Liite 2, Tampereen teknillisen yliopiston tutkimusraportti**

#### **General information**

Publication status: Published

MoE publication type: B2 Part of a book or another research book

Organisations: Department of Business Information Management and Logistics, School of Architecture

Contributors: Kalenoja, H., Kallionpää, E., Moisala, A., Ylä-Anttila, K.

Pages: 1-143

Publication date: 2011

#### Host publication information

Title of host publication: Sähköiset ajoneuvot kehäradan syöttö- ja asiointiliikenteessä. Syöksey -tutkimushankkeen loppuraportti

Place of publication: Helsinki

Publisher: METROPOLIA AMMATTIKORKEAKOULU

ISBN (Print): 978-952-5797-51-0

#### Bibliographical note

Contribution: organisation=tlo,FACT1=0.5<br/>Contribution: organisation=ark ays,FACT2=0.5

Source: researchoutputwizard

Source ID: 6268

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific

#### Kontupohjan kirkko - Church of Kontupohja in Karelia, Russia

##### General information

Publication status: Published

MoE publication type: B2 Part of a book or another research book

Organisations: School of Architecture

Contributors: Mattila, M.

Pages: 116-117

Publication date: 2011

##### Host publication information

Title of host publication: CIAV VERNADOC 2010: Keski-Skandinavian suomalaiset: Östmarkin kirkko, savutuvat

Place of publication: Helsinki

Publisher: Suomen ICOMOS, kansanrakentamisen komitea

Editor: Mattila, M.

ISBN (Print): 978-951-96602-9-5

##### Bibliographical note

Contribution: organisation=ark aht,FACT1=1

Source: researchoutputwizard

Source ID: 6778

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific

#### Pien-Toijolan savusauna, Ristiina - Pien-Toijola smoke sauna in Savo Finland

##### General information

Publication status: Published

MoE publication type: B2 Part of a book or another research book

Organisations: School of Architecture

Contributors: Mattila, M.

Pages: 174-175

Publication date: 2011

##### Host publication information

Title of host publication: CIAV VERNADOC 2010: Keski-Skandinavian suomalaiset: Östmarkin kirkko, savutuvat

Place of publication: Helsinki

Publisher: Suomen ICOMOS, kansanrakentamisen komitea

Editor: Mattila, M.

ISBN (Print): 978-951-96602-9-5

##### Bibliographical note

Contribution: organisation=ark aht,FACT1=1

Source: researchoutputwizard

Source ID: 6780

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific

#### Kauppakeskukset verkostokaupungissa

##### General information

Publication status: Published  
MoE publication type: B2 Part of a book or another research book  
Organisations: School of Architecture  
Contributors: Iltanen, S.  
Pages: 30-33  
Publication date: 2011

#### Host publication information

Title of host publication: Kauppakeskukset osana kestävää kulutusta ja kaupunkirakennetta. Yhdyskuntasuunnittelun tutkimus- ja koulutuskeskuksen julkaisuja C  
Place of publication: Espoo  
Publisher: Aalto-yliopisto  
Editors: Kanninen, V., Rantanen, A.  
ISBN (Print): 978-952-60-3541-3  
URLs:  
<http://lib.tkk.fi/Reports/2010/isbn9789526035420.pdf>

#### Bibliographical note

Contribution: organisation=ark ays,FACT1=1  
Source: researchoutputwizard  
Source ID: 6166  
Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific

### Isoniemen riihi, Vehkajärvi - Isoniemi drying house in Häme, Finland

#### General information

Publication status: Published  
MoE publication type: B2 Part of a book or another research book  
Organisations: School of Architecture  
Contributors: Mattila, M.  
Pages: 168-169  
Publication date: 2011

#### Host publication information

Title of host publication: CIAV VERNADOC 2010: Keski-Skandinavian suomalaiset: Östmarkin kirkko, savutuvat  
Place of publication: Helsinki  
Publisher: Suomen ICOMOS, kansanrakentamisen komitea  
Editor: Mattila, M.  
ISBN (Print): 978-951-96602-9-5

#### Bibliographical note

Contribution: organisation=ark aht,FACT1=1  
Source: researchoutputwizard  
Source ID: 6776  
Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific

### Johtopäätökset: kestävä kauppakeskus

#### General information

Publication status: Published  
MoE publication type: B2 Part of a book or another research book  
Organisations: School of Architecture, Aalto University  
Contributors: Kanninen, V., Rantanen, A.  
Pages: 54-59  
Publication date: 2011

#### Host publication information

Title of host publication: Kauppakeskukset osana kestävää kulutusta ja kaupunkirakennetta. Yhdyskuntasuunnittelun tutkimus- ja koulutuskeskuksen julkaisuja C  
Place of publication: Espoo  
Publisher: Aalto-yliopisto  
Editors: Kanninen, V., Rantanen, A.  
ISBN (Print): 978-952-60-3541-3  
URLs:  
<http://lib.tkk.fi/Reports/2010/isbn9789526035420.pdf>

### **Bibliographical note**

Contribution: organisation=ark ays,FACT1=1

Source: researchoutputwizard

Source ID: 6287

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific

### **Almost nothing**

#### **General information**

Publication status: Published

MoE publication type: B2 Part of a book or another research book

Organisations: School of Architecture

Contributors: Griffiths, G.

Pages: 14-23

Publication date: 2011

#### **Host publication information**

Title of host publication: Wooden Boxes

Editors: Kuhlmann, D., Simmel, C., Griffiths, G.

ISBN (Print): 078-3-902373-93-9

### **Bibliographical note**

ei ut-numeroa 1.3.2014<br/>Contribution: organisation=ark ays,FACT1=1

Source: researchoutputwizard

Source ID: 5983

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific

### **Karjalainen savusauna - Karelian smoke sauna in Viena-Karelia, Russia**

#### **General information**

Publication status: Published

MoE publication type: B2 Part of a book or another research book

Organisations: School of Architecture

Contributors: Mattila, M.

Pages: 178-179

Publication date: 2011

#### **Host publication information**

Title of host publication: CIAV VERNADOC 2010: Keski-Skandinavian suomalaiset: Östmarkin kirkko, savutuvat

Place of publication: Helsinki

Publisher: Suomen ICOMOS, kansanrakentamisen komitea

Editor: Mattila, M.

ISBN (Print): 978-951-96602-9-5

### **Bibliographical note**

Contribution: organisation=ark aht,FACT1=1

Source: researchoutputwizard

Source ID: 6777

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific

### **Marilainen savusauna - Mari smoke sauna in Bashkortoshtan, Russia**

#### **General information**

Publication status: Published

MoE publication type: B2 Part of a book or another research book

Organisations: School of Architecture

Contributors: Mattila, M., Lennox, M.

Pages: 184-185

Publication date: 2011

#### **Host publication information**

Title of host publication: CIAV VERNADOC 2010: Keski-Skandinavian suomalaiset: Östmarkin kirkko, savutuvat

Place of publication: Helsinki



Publisher: Suomen ICOMOS, kansanrakentamisen komitea  
Editor: Mattila, M.  
ISBN (Print): 978-951-96602-9-5

#### **Bibliographical note**

Contribution: organisation=ark aht,FACT1=1

Source: researchoutputwizard

Source ID: 6783

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific

### **Inkeriläinen savusauna - Ingrian -Finnish smoke sauna in Ingermanland, Russia**

#### **General information**

Publication status: Published

MoE publication type: B2 Part of a book or another research book

Organisations: School of Architecture

Contributors: Mattila, M.

Pages: 180-181

Publication date: 2011

#### **Host publication information**

Title of host publication: CIAV VERNADOC 2010: Keski-Skandinavian suomalaiset: Östmarkin kirkko, savutuvat

Place of publication: Helsinki

Publisher: Suomen ICOMOS, kansanrakentamisen komitea

Editor: Mattila, M.

ISBN (Print): 978-951-96602-9-5

#### **Bibliographical note**

Contribution: organisation=ark aht,FACT1=1

Source: researchoutputwizard

Source ID: 6775

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific

### **Kauppakeskus kaupunkitilana - integroituminen lähiympäristöön**

#### **General information**

Publication status: Published

MoE publication type: B2 Part of a book or another research book

Organisations: School of Architecture

Contributors: Rantanen, A.

Pages: 34-37

Publication date: 2011

#### **Host publication information**

Title of host publication: Kauppakeskukset osana kestäväää kulutusta ja kaupunkirakennetta. Yhdyskuntasuunnittelun tutkimus- ja koulutuskeskuksen julkaisuja C

Place of publication: Espoo

Publisher: Aalto-yliopisto

Editors: Kanninen, V., Rantanen, A.

ISBN (Print): 978-952-60-3541-3

URLs:

<http://lib.tkk.fi/Reports/2010/isbn9789526035420.pdf>

#### **Bibliographical note**

Contribution: organisation=ark ays,FACT1=1

Source: researchoutputwizard

Source ID: 7096

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific

### **Yritysten sijoittuminen ja yhdyskuntarakenne**

#### **General information**

Publication status: Published

MoE publication type: B2 Part of a book or another research book

Organisations: School of Architecture, Suomen ympäristökeskus SYKE - Finnish Environment Institute, Aalto University  
Contributors: Kontio, P., Rantanen, A., Simola, A., Jääskeläinen, R.  
Pages: 72-99  
Publication date: 2010

#### Host publication information

Title of host publication: Autoriippuvainen yhdyskuntarakenne ja sen vaihtoehdot. Tutkimushankkeen loppuraportti. YTK:n julkaisuja B

Editors: Kanninen, V., Kontio, P., Mäntysalo, R., Ristimäki, M.

ISBN (Print): 978-952-60-3534-5

ISBN (Electronic): 978-952-60-3535-2

URLs:

<http://lib.tkk.fi/Reports/2010/isbn9789526035352.pdf>

#### Bibliographical note

Contribution: organisation=ark ays,FACT1=1

Source: researchoutputwizard

Source ID: 8424

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific

### The Hervanta Central Axis and the Myth about the Finnishness of Reima Pietilä's Architecture

#### General information

Publication status: Published

MoE publication type: B2 Part of a book or another research book

Organisations: School of Architecture

Contributors: Koponen, O.

Pages: 48-61

Publication date: 2009

#### Host publication information

Title of host publication: Raili y Reima Pietilä: un desafío a la arquitectura moderna = Raili and Reima Pietilä: challenging modern architecture

Place of publication: Madrid

Publisher: Museo Colecciones ICO

Editor: Johansson, E.

ISBN (Print): 978-84-936568-1-2

#### Bibliographical note

Contribution: organisation=ark aht,FACT1=1

Source: researchoutputwizard

Source ID: 10505

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific

### Re-imaginando el espacio público en los intersticios del vacío y el abandonon en las ciudades latinoamericanas

Esta ponencia analiza el proyecto de Huerto Tlatelolco dentro de los distintos discursos sobre el espacio público y como parte de un estudio que analiza 24 proyectos de apropiaciones temporales de espacios urbanos vacíos o abandonados en siete países latinoamericanos. El objetivo del trabajo es entender cómo estas apropiaciones están creando nuevos tipos de espacios públicos y oportunidades sociales para los ciudadanos y sus comunidades. Con base en un estudio cualitativo, se analiza cómo estos espacios urbanos son física y socialmente transformados en espacios vitales abiertos al público, ilustrando cómo activistas crean un espacio público incluyente y diferente.

#### General information

Publication status: Published

MoE publication type: B3 Non-refereed article in conference proceedings

Organisations: Architecture

Contributors: Milián Bernal, D.

Pages: 2435-2448

Publication date: 2019

#### Host publication information

Title of host publication: Anais do II Congresso Ibero-americano de História Urbana, 2019

Volume: 2

### Publication series

Name: Anais II CIHU  
ISSN (Print): 2674-6808  
Electronic versions:

Milián 2019-Re-imaginando el espacio público en el vacío  
URLs:

<https://www.ifch.unicamp.br/ciec/aihu/congresso/anaiscihu/Anais%20II%20CIHU>

<http://urn.fi/URN:NBN:fi:tuni-202006085957>

Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific

### Synthetic modelling of pedestrian movement tallinn case study report

This paper builds towards the argument that pedestrian traffic in the city can be successfully simulated with agent-based computational models if pedestrians' movement patterns are appropriately studied first. Furthermore, such simulation models, when finely calibrated and supported by onsite observations, allow planners to evaluate different urban design scenarios. We present a pilot study carried out in the centre of Tallinn, and discuss a way of how pedestrian movement simulations can be conceived. In the pilot study we recorded some 120 traces of pedestrians' movement and developed a prototype of an agent-based computational model to simulate this movement. Additionally we investigated the possibility of including solar analysis into the computational model. Already this short exercise offered us some interesting insights into how certain spatial qualities and features can drive pedestrian traffic making urban walkers to verge off the shortest routes. The pilot study was carried out in the context of the High Street project for turning the centre of Tallinn into more pedestrian friendly area by redesigning urban space, calming vehicular traffic and creating new opportunities for businesses to flourish.

### General information

Publication status: Published  
MoE publication type: B3 Non-refereed article in conference proceedings  
Organisations: Estonian Academy of Arts  
Contributors: Puusepp, R., Cerrone, D., Melioranski, M.  
Publication date: 2016

### Host publication information

Title of host publication: 34th eCAADe Conference : 22-26 August 2016, Oulu  
Volume: 2

### Publication series

Name: Urban Contex  
Publisher: eCAADe  
No.: 34  
Keywords: Pedestrian Navigation, urban form, urban morphology, spatial analysis, Urban models, Urban modelling

### Bibliographical note

EXT="Cerrone, Damiano"  
Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific

### Uudessa COMBI-hankkeessa tutkitaan energiatehokkaan palvelurakentamisen haasteita ja ratkaisuja

### General information

Publication status: Published  
MoE publication type: B3 Non-refereed article in conference proceedings  
Organisations: Department of Civil Engineering, Research group: Building Physics, School of Architecture, Research group: ASUTUT, Research area: Structural Engineering, Research group: Capacity Development of Water and Environmental Services CADWES, Research group: Real estate development, Research group: Service Life Engineering of Structures, Aalto University, Tampere University of Applied Sciences TAMK  
Contributors: Vinha, J., Hedman, M., Sirén, K., Harsia, P., Pentti, M., Teriö, O., Heljo, J., Laukkarinen, A., Annila, P., Kaasalainen, H., Jokisalo, J., Pihlajamaa, P.  
Number of pages: 10  
Pages: 487-496  
Publication date: 20 Oct 2015

### Host publication information

Title of host publication: Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere.  
Publisher: Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka  
Editors: Vinha, J., Ruuska, T.

ISBN (Print): 978-952-15-3580-2

#### **Publication series**

Name: Rakennustekniikan laitos. Rakennetekniikka. Seminaarijulkaisu

No.: 4

ASJC Scopus subject areas: Civil and Structural Engineering, Building and Construction

URLs:

<http://www.tut.fi/cs/groups/public/@l912/@web/@p/documents/liit/x124266.pdf>

#### **Bibliographical note**

ORG=rak,0.8

ORG=ark,0.2

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

### **HIMMELI for comprehensive transport planning and development planning**

#### **General information**

Publication status: Published

MoE publication type: B3 Non-refereed article in conference proceedings

Organisations: School of Architecture

Contributors: Iltanen, S., Joutsiniemi, A., Kanninen, V., Mäntysalo, R., Syrman, S.

Number of pages: 6

Pages: 47-52

Publication date: 2014

#### **Host publication information**

Title of host publication: COST Action TU1002 - Assessing Usability of Accessibility Instruments

Publisher: COST Office

Editors: Brömmelstroet, M. T., Silva, C., Bertolini, L.

ISBN (Print): 978-90-9028212-1

URLs:

<http://www.accessibilityplanning.eu/wp-content/uploads/2014/05/COST-REPORT-II.pdf>

<http://www.accessibilityplanning.eu/reports/report-2/>

#### **Bibliographical note**

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2015-01-09

Source: researchoutputwizard

Source ID: 535

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

### **Well-being Architecture in Academic Workplace**

#### **General information**

Publication status: Published

MoE publication type: B3 Non-refereed article in conference proceedings

Organisations: School of Architecture

Contributors: Peltoniemi, S.

Number of pages: 8

Pages: 283-290

Publication date: 2014

#### **Host publication information**

Title of host publication: Proceedings of the 6th Annual Architectural Research Symposium in Finland 2014: Designing and

Planning the Built Environment for Human Well-Being, October 23rd to 25th 2014, Oulu, Finland : The 6th Annual

Symposium of Architectural Research 2014 and The Annual NAAR Symposium 2014, October 23-25, 2014, Oulu, Finland

ISBN (Electronic): 978-952-62-0635-6

#### **Publication series**

Name: University of Oulu, Department of Architecture, Publications

No.: A61

ISSN (Print): 0357-8704

URLs:

<http://ojs.tsv.fi/index.php/atut/issue/view/3140>

<http://ojs.tsv.fi/index.php/atut/>

### **Bibliographical note**

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2015-01-11

Source: researchoutputwizard

Source ID: 1261

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

### **Empathy in Architecture**

#### **General information**

Publication status: Published

MoE publication type: B3 Non-refereed article in conference proceedings

Organisations: School of Architecture

Contributors: Hedman, M.

Number of pages: 2

Publication date: 2014

#### **Host publication information**

Title of host publication: Landscape Accessibility, Landscape Accessibility International Workshop - Milazzo 2014

Publisher: ARACNE

Editor: Morabito, V.

ISBN (Print): 978-88-548-7683-5

#### **Publication series**

Name: Intelligent landscape

No.: 3

### **Bibliographical note**

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2014-12-30<br/>Publisher name: ARACNE

Source: researchoutputwizard

Source ID: 420

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

### **The Extended Home: On design solutions for community oriented housing**

#### **General information**

Publication status: Published

MoE publication type: B3 Non-refereed article in conference proceedings

Organisations: School of Architecture

Contributors: Helamaa, A.

Number of pages: 13

Pages: 378-391

Publication date: 2013

#### **Host publication information**

Title of host publication: Communal Pathways to Sustainable Living, Proceedings of the 11th conference of the International Communal Studies Association (ICSA) Findhorn Foundation and Community, Scotland 26 -28 June, 2013

Publisher: The Findhorn Foundation

Editor: Meltzer, G.

ISBN (Electronic): 978-0-9926310-0-0

#### **Publication series**

Name: International Communal Studies Association Conference

URLs:

<https://dl.dropboxusercontent.com/u/22754825/Proceedings.pdf>

### **Bibliographical note**

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2013-12-29<br/>Publisher name: The Findhorn Foundation

Source: researchoutputwizard

Source ID: 2285

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

### **Tilamallinnus käyttäjätiedon ja teknisen suunnittelun yhdistäjänä**

### General information

Publication status: Published

MoE publication type: B3 Non-refereed article in conference proceedings

Organisations: School of Architecture

Contributors: Joutsiniemi, A., Mathlin, M., Haapakangas, A., Ruohomäki, V., Lahtinen, M., Airaksinen, M., Holopainen, R., Tuomaala, P.

Number of pages: 6

Publication date: 2013

### Host publication information

Title of host publication: Sisäilmastoseminaari 2013, Messukuskus, Helsinki 13.3.2013

Editors: Säteri, J., Backman, H.

ISBN (Print): 978-952-5236-41-5

### Publication series

Name: SIY Raportti

No.: 31

ISSN (Print): 1237-1866

### Bibliographical note

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2013-12-29

Source: researchoutputwizard

Source ID: 2431

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

## Alvar Aalto's Abstract Paintings and His Quest for Expressive Forms

### General information

Publication status: Published

MoE publication type: B3 Non-refereed article in conference proceedings

Organisations: School of Architecture

Contributors: Hirvonen, T.

Number of pages: 14

Pages: 81-94

Publication date: 2013

### Host publication information

Title of host publication: Creativity, autonomy, function in architecture , Archtheo '13, Conference Proceedings, December 4-6, 2013, Mimar Sinan Fine Arts University

Place of publication: Istanbul

Publisher: Mimar Sinan Guzel Sanatlar Universitesi

Editors: Catak, N., Duyan, E.

ISBN (Print): 978-975-6264-97-3

### Publication series

Name: Theory of Architecture Conference

### Bibliographical note

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2013-12-29<br/>Publisher name: Mimar Sinan Guzel Sanatlar Universitesi

Source: researchoutputwizard

Source ID: 2311

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

## Perinteisten ikkunoiden tiivistysvaihtoehtojen tutkiminen ilmanpitävyyssmittauksin

### General information

Publication status: Published

MoE publication type: B3 Non-refereed article in conference proceedings

Organisations: Department of Civil Engineering, School of Architecture

Contributors: Aaltonen, A., Saatsi, P., Vinha, J.

Number of pages: 6

Pages: 367-372

Publication date: 2013

### Host publication information

Title of host publication: Rakennusfysiikka 2013 : uusimmat tutkimustulokset ja hyvät käytännön ratkaisut, 22.-24.10.2013, Tampere

Place of publication: Tampere

Publisher: Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka

Editors: Vinha, J., Aaltonen, A.

ISBN (Print): 978-952-15-3148-4

### Publication series

Name: Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, seminaarijulkaisu

No.: 3

### Bibliographical note

Contribution: organisation=rak,FACT1=0.5<br/>Contribution: organisation=ark,FACT2=0.5<br/>Portfolio EDEND: 2013-10-29<br/>Publisher name: Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka

Source: researchoutputwizard

Source ID: 1862

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

## Mitattu, mallinnettu ja koettu lämpöiihtyvyys toimistohuoneessa

### General information

Publication status: Published

MoE publication type: B3 Non-refereed article in conference proceedings

Organisations: School of Architecture

Contributors: Airaksinen, M., Holopainen, R., Tuomaala, P., Piippo, J., Piira, K., Saari, M., Antson, A., Ruotsalainen, R., Joutsiniemi, A., Mathlin, M., Haapakangas, A., Ruohomäki, V., Lahtinen, M.

Number of pages: 5

Pages: 259-264

Publication date: 2013

### Host publication information

Title of host publication: Sisäilmastoseminaari 2013, Messukuskus, Helsinki 13.3.2013

Editors: Säteri, J., Backman, H.

ISBN (Print): 978-952-5236-41-5

### Publication series

Name: SIY Raportti

ISSN (Print): 1237-1866

### Bibliographical note

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2013-12-29

Source: researchoutputwizard

Source ID: 1892

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

## Urban Eco-Factory compatibility of residential and industrial zones

### General information

Publication status: Published

MoE publication type: B3 Non-refereed article in conference proceedings

Organisations: Department of Civil Engineering, Department of Production Engineering, School of Architecture

Contributors: Leino, T., Salminen, K., Joutsiniemi, A.

Number of pages: 9

Pages: 1-9

Publication date: 2011

### Host publication information

Title of host publication: The 6th International Conference on Industrial Ecology, ISIE 2011, 7-10 June, 2011, University of California, Berkeley, USA

Place of publication: Berkeley, CA

Publisher: International Society for Industrial Ecology

### Publication series

Name: International Conference on Industrial Ecology ISIE

Publisher: International Society for Industrial Ecology

#### **Bibliographical note**

ei ut-numeroa 29.3.2014<br/>Contribution: organisation=rak,FACT1=0.34<br/>Contribution: organisation=tte,FACT2=0.33<br/>Contribution: organisation=ark ays,FACT3=0.33

Source: researchoutputwizard

Source ID: 6582

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

### **Sustainable manufacturing and eco-factories within sustainable industrial areas within fast growing eco-cities**

#### **General information**

Publication status: Published

MoE publication type: B3 Non-refereed article in conference proceedings

Organisations: Department of Civil Engineering, Department of Production Engineering, School of Architecture

Contributors: Leino, T., Salminen, K., Joutsiniemi, A.

Pages: 747-754

Publication date: 2011

#### **Host publication information**

Title of host publication: 21st International Conference on Flexible Automation and Intelligent Manufacturing, FAIM 2011, 26-29 June, 2011, Taichung, Taiwan

Place of publication: Taichung

Publisher: FAIM 2011

ISBN (Print): 978-986-87291-0-0

#### **Publication series**

Name: International Conference on Flexible Automation and Intelligent Manufacturing

Publisher: FAIM 2011

#### **Bibliographical note**

ei ut-numeroa 29.3.2014<br/>Contribution: organisation=rak,FACT1=0.34<br/>Contribution: organisation=tte,FACT2=0.33<br/>Contribution: organisation=ark ays,FACT3=0.33

Source: researchoutputwizard

Source ID: 6581

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

### **When Alvar Aalto found his own voice - Why I think Paimio tuberculosis sanatorium should be on the world heritage list**

#### **General information**

Publication status: Published

MoE publication type: B3 Non-refereed article in conference proceedings

Organisations: School of Architecture

Contributors: Koponen, O.

Number of pages: 3

Pages: 112-114

Publication date: 2010

#### **Host publication information**

Title of host publication: Integrity and authenticity in modern movement architecture - Case Paimio hospital. International expert seminar 1-2 October in 2009 in the Paimio Hospital

Editor: Salastie, R.

ISBN (Print): 978-952-67465-0-0

#### **Bibliographical note**

Contribution: organisation=ark aht,FACT1=1

Source: researchoutputwizard

Source ID: 8427

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

### **Key concepts in urban studies: 2nd edition**

#### **General information**

Publication status: Published



MoE publication type: C1 Separate scientific books

Organisations: School of Architecture, Research group: Built Environment in Transition, Research group: Urban Planning Theory

Contributors: Gottdiener, M., Budd, L., Lehtovuori, P.

Publication date: 2015

#### **Publication information**

Place of publication: London

Publisher: SAGE Publications

ISBN (Print): 9781849201995

Original language: English

#### **Publication series**

Name: SAGE Key Concepts series

URLs:

<https://uk.sagepub.com/en-gb/eur/key-concepts-in-urban-studies/book234192>

Research output: Book/Report > Book > Scientific > peer-review

### **Metaphors in urban planning: From garden city to Zwischenstadt and Netzstadt**

#### **General information**

Publication status: Published

MoE publication type: C1 Separate scientific books

Organisations: School of Architecture

Contributors: Pakarinen, T.

Number of pages: 120

Publication date: 2010

#### **Publication information**

Place of publication: Tampere

Publisher: Tampere University of Technology

ISBN (Print): 978-952-15-2310-6

Original language: English

#### **Publication series**

Name: Datutop

Publisher: Tampere University of Technology

Volume: 31

ISSN (Print): 0359-7105

#### **Bibliographical note**

Contribution: organisation=ark:ark:/61903/15111/1

Source: researchoutputwizard

Source ID: 8931

Research output: Book/Report > Book > Scientific > peer-review

### **Built Environment and Architecture as a Resource: Proceeding Series**

#### **General information**

Publication status: Published

MoE publication type: C2 Edited books

Organisations: Architecture, Research group: Urban Laboratory, Research group: Urban Planning and Design, Chalmers University of Technology, Aarhus School of Architecture

Contributors: Chudoba, M. (ed.), Hynynen, A. (ed.), Rönn, M. (ed.), Toft, A. E. (ed.)

Number of pages: 250

Publication date: 2020

#### **Publication information**

Publisher: Nordic Academic Press of Architectural Research

Volume: 2020

Edition: 1

ISBN (Electronic): 978-91-983797-4-7

Original language: English

#### **Publication series**

Name: The NAAR Proceedings Series  
Publisher: Nordic Academic Press of Architectural Research  
ISSN (Electronic): 2535-4523  
URLs:  
<http://arkitekturforskning.net/na/issue/publishing>

#### **Bibliographical note**

jufoid=86486

Research output: Book/Report › Anthology › Scientific › peer-review

#### **La oportunidad del afuera / The Opportunity of the Outside**

When in an open field, Jaume Plensa has finally the possibility of installing a sculptural piece in the heart of Madrid, he does so in the form of a white, great height infant head named Julia: "I think it was essential to introduce tenderness in the public space"(1). The expression of the sculpture distills tranquility and harmony from its feminine, light and ephemeral condition, a new monumentality that perhaps introduces a legitimate collective aspiration: the reorganization of the current conditions of exteriority.

#### **General information**

Publication status: Published

MoE publication type: C2 Edited books

Organisations: Architecture, Universidad de Alcalá, Universidad Camilo José Cela

Contributors: García Triviño, F. (ed.), Nieto Fernandez, F. (ed.), Psegiannaki, K. (ed.), Díaz Camacho, M. Á. (ed.), Rubio Hernandez, R. (ed.)

Number of pages: 124

Publication date: 31 Dec 2019

Peer-reviewed: Yes

#### **Publication information**

Journal: HipoTesis Numbered Issues

Volume: Hipo 7

ISSN (Print): 2340-5147

Original language: Spanish

ASJC Scopus subject areas: Architecture

URLs:

<http://hipo-tesis.eu/serienumerada/index.php/ojs/issue/view/hipo7>

Research output: Contribution to journal › Special issue › Scientific › peer-review

#### **Understanding and Designing Place - Considerations on Architecture and Philosophy**

#### **General information**

Publication status: Published

MoE publication type: C2 Edited books

Organisations: Architecture, Delft University of Technology

Contributors: Passinmäki, P. (ed.), Havik, K. (ed.)

Number of pages: 144

Publication date: Jun 2019

#### **Publication information**

Place of publication: Tampere

Publisher: Tampere University, School of Architecture

ISBN (Print): 978-952-03-1113-1

ISBN (Electronic): 978-952-03-1114-8

Original language: English

#### **Publication series**

Name: DATUTOP

Volume: 38

ISSN (Print): 0359-7105

Electronic versions:

DATUTOP 38\_Understanding and Designing Place - Considerations on Architecture and Philosophy (2019)

URLs:

<http://urn.fi/URN:ISBN:978-952-03-1114-8>

#### **Bibliographical note**

EXT="Havik, Klaske"

jufoid=54540

Research output: Book/Report › Anthology › Scientific › peer-review

### **La función de la función / The Function of Function**

What are the reasons for the discredit of functionalism in architecture? What kind of mutations has the term 'function' undergone? What meaning has it acquired from modernity to present? What has the function of function been? Why do we nowadays say 'use' or 'activity' instead of 'function'? What happened with functionalist architecture? What is the aesthetics of function? And the ethics of function?

#### **General information**

Publication status: Published

MoE publication type: C2 Edited books

Organisations: Architecture, Universidad de Alcalá, Universidad Camilo José Cela

Contributors: García Triviño, F. (ed.), Nieto Fernandez, F. (ed.), Psegiannaki, K. (ed.), Quesada López, F. (ed.)

Number of pages: 123

Publication date: 31 Dec 2018

Peer-reviewed: Yes

#### **Publication information**

Journal: HipoTesis Numbered Issues

Volume: Hipo 6

ISSN (Print): 2340-5147

Original language: Spanish

ASJC Scopus subject areas: Architecture

URLs:

<http://hipo-tesis.eu/serienumerada/index.php/ojs/issue/view/hipo6>

Research output: Contribution to journal › Special issue › Scientific › peer-review

### **Re-City. (Im)possible cities**

#### **General information**

Publication status: Published

MoE publication type: C2 Edited books

Organisations: Architecture, Research group: Urban Planning and Design

Contributors: Rajaniemi, J. (ed.), Chudoba, M. (ed.)

Publication date: Aug 2018

#### **Publication information**

Publisher: Tampere University of Technology, School of Architecture

ISBN (Print): 978-952-15-4143-8

ISBN (Electronic): 978-952-15-4144-5

Original language: English

#### **Publication series**

Name: DATUTOP

Publisher: Tampere University of Technology, School of Architecture

ISSN (Print): 0359-7105

Electronic versions:

DATUTOP\_2017\_impossible\_cities

URLs:

<http://urn.fi/URN:ISBN:978-952-15-4144-5>

#### **Bibliographical note**

jufoid=54540

Research output: Book/Report › Anthology › Scientific › peer-review

### **Special Issue: Architectural Research in Finland vol.2, no.1, 2018 - Architecture and Experience Now**

#### **General information**

Publication status: Published

MoE publication type: C2 Edited books

Organisations: Architecture

Contributors: Passinmäki, P.

Publication date: 2018

Peer-reviewed: Yes

### Publication information

Journal: Architectural Research in Finland

Volume: 2

Issue number: 1

ISSN (Print): 2489-6799

Original language: English

URLs:

<https://journal.fi/architecturalresearchfinland/issue/view/Architectural%20Research%20in%20Finland%20vol.2%2C%20no.1%202018>

Research output: Contribution to journal › Special issue › Scientific › peer-review

### Self-organising city

#### General information

Publication status: Published

MoE publication type: C2 Edited books

Organisations: Architecture, Research group: Urban Planning and Design, Suomen ympäristökeskus SYKE - Finnish Environment Institute

Contributors: Rantanen, A. (ed.), Faehnle, M. (ed.)

Publication date: 2017

Peer-reviewed: Yes

#### Publication information

Journal: Yhdyskuntasuunnittelu

Volume: 55

Issue number: 3

ISSN (Print): 1459-6806

Original language: English

URLs:

<http://www.yss.fi/yhdyskuntasuunnittelu-lehti/lehden-numerot/2017-3-vol-55/>

Research output: Contribution to journal › Special issue › Scientific › peer-review

### Complexity and Digitalisation of Cities - Challenges for Urban Planning and Design: Conference Proceedings of 13th AESOP Complexity and Planning Thematic Group Meeting 15th-16th January 2015, Tampere, Finland

#### General information

Publication status: Published

MoE publication type: C2 Edited books

Organisations: School of Architecture, Research group: Urban Planning Theory

Contributors: Partanen, J. (ed.)

Number of pages: 226

Publication date: 2015

#### Publication information

Publisher: Tampere University of Technology. School of Architecture

ISBN (Electronic): 978-952-15-3711-0

Original language: English

Electronic versions:

AESOP\_PC2015\_PROCEEDINGS

URLs:

<http://urn.fi/URN:ISBN:978-952-15-3711-0>

Research output: Book/Report › Anthology › Scientific › peer-review

### ATUT Proceedings, 5th Annual Symposium of Architectural Research, Architecture and Resilience, August 28-30, 2013 Tampere, Finland

Globally, a scientific conference that focuses specifically on architectural research is a rarity. Finland has been a pioneer in foregrounding architects' knowledge and their ways of knowing. The Annual Symposium of Architectural Research, organized by Aalto University, Tampere University of Technology, University of Oulu and the Finnish Association of Architects, has established itself as a key forum of knowledge exchange, debate and brainstorming. In August 2013, the 5th Symposium was organized in Tampere. The theme was "Architecture and Resilience", in Finnish "Notkea arkkitehtuuri". The Symposium was successful, bringing together 45 papers and presentations by scholars in architecture,

urban design, planning and urban studies from around the world. This Proceedings Book presents a representative collection of the conference papers, peer-reviewed by the Scientific Committee. Its chapters mirror the tracks of the conference. When preparing the Symposium, we realized that the theme of resilience is very topical in architecture and urbanism. Clearly, the constantly changing urbanity warrants a revision of theories, methods, design applications and professional cultures. A systemic transition of our society and space is underway. Starting from these broad notions, we collectively engaged in multiple discussions to find out why resilience is important, how to study it, and what in our discourse is meant by "resilience" in the first place. The participants explored the current state of architecture and urbanism and their potential to shape the future. The complex and relational nature of this potential became evident. How should we tackle the complex, interlinked and inter-scalar social, spatial, natural and economic networks in constant flux? How to operationalize the links between architecture and the resilience of urban systems? What are the exemplary cases and projects? The papers by researchers and practitioners in architecture, urban design, planning, geography, social sciences, ecology and other fields approached these questions in various ways: from history to contemporary and future challenges, from the role of architects to urban evolution and permanence in change.

#### General information

Publication status: Published

MoE publication type: C2 Edited books

Organisations: School of Architecture

Contributors: Chudoba, M. (ed.), Joachimiak, M. (ed.), Laak, M. (ed.), Lehtovuori, P. (ed.), Partanen, J. (ed.), Rantanen, A. (ed.), Siter, N. (ed.)

Publication date: 2014

#### Publication information

Place of publication: Tampere

Publisher: Tampere University of Technology, School of Architecture

ISBN (Print): 978-952-15-3108-8

ISBN (Electronic): 978-952-15-3109-5

Original language: English

Electronic versions:

atut2013\_proceedings.pdf

URLs:

<http://urn.fi/URN:ISBN:978-952-15-3109-5>

#### Bibliographical note

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2015-01-26<br/>Publisher name: Tampere University of Technology, School of Architecture

Source: researchoutputwizard

Source ID: 233

Research output: Book/Report > Anthology > Scientific > peer-review

#### Omännäköistä asumista : Visioita kehitysvammaisten asumiseen

#### General information

Publication status: Published

MoE publication type: C2 Edited books

Organisations: School of Architecture

Contributors: Helamaa, A., Kotilainen, S., Lahtinen, V.

Number of pages: 167

Publication date: 2014

#### Publication information

Place of publication: Tampere

Publisher: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos

ISBN (Print): 978-952-15-3253-5

ISBN (Electronic): 978-952-15-3254-2

Original language: Finnish

#### Publication series

Name: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos. Asuntosuunnittelu. Julkaisu

Publisher: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos

No.: 13

ISSN (Print): 2242-4598

Electronic versions:

omannakoista\_asumista.pdf

URLs:

<http://urn.fi/URN:ISBN:978-952-15-3254-2>

#### **Bibliographical note**

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2014-12-30

Source: researchoutputwizard

Source ID: 448

Research output: Book/Report > Anthology > Scientific > peer-review

#### **Kokemuksia Torontosta : Maailman parhaat kaupungit -kurssin nr 1 raportti**

##### **General information**

Publication status: Published

MoE publication type: C2 Edited books

Organisations: School of Architecture

Contributors: Ilmavirta, T. (ed.), Lehtovuori, P. (ed.), Mattila, H. (ed.)

Publication date: 2013

##### **Publication information**

Place of publication: Helsinki

Publisher: URBANISMISÄÄTIÖ

ISBN (Print): 978-952-93-2340-1

ISBN (Electronic): 978-952-93-2341-8

Original language: Finnish

URLs:

<http://flash.kunnat.net/2013/urbanismisaatio/kokemuksia-torontosta/#1>

#### **Bibliographical note**

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2013-12-29

Source: researchoutputwizard

Source ID: 2368

Research output: Book/Report > Anthology > Scientific > peer-review

#### **Arkkitehtuuritutkimuksen päivät 2011: Tutkimus ja käytäntö / Proceedings of the 3rd Symposium of Architectural Research 2011: Research & Praxis**

##### **General information**

Publication status: Published

MoE publication type: C2 Edited books

Organisations: School of Architecture

Contributors: Herneoja, A. (ed.), Hirviniemi, H. (ed.), Hirvonen-Kantola, S. (ed.), Joutsiniemi, A. (ed.), Luusua, A. (ed.),

Mäntysalo, R. (ed.), Niskanen, A. (ed.), Niskasaari, K. (ed.), Pihlajaniemi, H. (ed.), Rönkkö, E. (ed.), Soikkeli, A. (ed.),

Soudunsaari, L. (ed.), Suikkari, R. (ed.), Tolonen, K. (ed.)

Publication date: 2013

##### **Publication information**

Place of publication: Oulu

Publisher: Unknown Publisher

ISBN (Print): 978-951-42-9981-0

ISBN (Electronic): 978-951-42-9982-7

Original language: Finnish

##### **Publication series**

Name: Julkaisu - Oulun yliopisto. Arkkitehtuurin osasto. A

No.: A 58

ISSN (Print): 0357-8704

URLs:

<http://herkules.oulu.fi/isbn9789514299827/isbn9789514299827.pdf>

#### **Bibliographical note**

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2013-12-29

Source: researchoutputwizard

Source ID: 2299

Research output: Book/Report > Anthology > Scientific > peer-review

## Näsilinna 2013. Erikoiskurssi historiallisen arvorakennuksen dokumentoinnista

### General information

Publication status: Published  
MoE publication type: C2 Edited books  
Organisations: School of Architecture  
Contributors: Kalakoski, I. (ed.)  
Number of pages: 98  
Publication date: 2013

### Publication information

Publisher: Tampereen teknillinen yliopisto; Tampereen museopalvelut / Pirkanmaan maakuntamuseo  
ISBN (Print): 978-952-15-3209-2  
ISBN (Electronic): 978-952-15-3210-8  
Original language: Finnish

### Publication series

Name: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos. Arkkitehtuurin historian julkaisuja  
Publisher: Tampereen teknillinen yliopisto; Tampereen museopalvelut / Pirkanmaan maakuntamuseo  
Volume: 1  
ISSN (Print): 2341-9865  
Electronic versions:  
nasilinna\_2013  
URLs:  
<http://urn.fi/URN:ISBN:978-952-15-3210-8>

### Bibliographical note

On esipuhe<br/>Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2013-12-29  
Source: researchoutputwizard  
Source ID: 2457  
Research output: Book/Report > Anthology > Scientific > peer-review

## Keskitehokas rakentaminen. Esimerkkejä keskitehokkaan asuinrakentamisen malleista

### General information

Publication status: Published  
MoE publication type: C2 Edited books  
Organisations: School of Architecture  
Contributors: Hedman, M. (ed.)  
Number of pages: 201  
Publication date: 2012

### Publication information

Place of publication: Tampere  
Publisher: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos  
ISBN (Print): 978-952-15-2755-5  
ISBN (Electronic): 978-952-15-2756-2  
Original language: Finnish

### Publication series

Name: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos. Asuntosuunnittelu. Julkaisu  
Publisher: Tampereen teknillinen yliopisto  
Volume: 1  
ISSN (Print): 2242-4598  
Electronic versions:  
keskitehokas\_rakentaminen\_esimerkkeja\_keskitehokkaan\_asuinrakentamisen\_malleista.pdf  
URLs:  
<http://urn.fi/URN:ISBN:978-952-15-2756-2>

### Bibliographical note

on esipuhe<br/>Contribution: organisation=ark ars,FACT1=1  
Source: researchoutputwizard  
Source ID: 4172

Research output: Book/Report › Anthology › Scientific › peer-review

## Tampere-pientalo : Esimerkkejä tyypitalon uusista ratkaisumalleista Tampereelle

### General information

Publication status: Published  
MoE publication type: C2 Edited books  
Organisations: School of Architecture  
Contributors: Hedman, M. (ed.)  
Number of pages: 81  
Publication date: 2012

### Publication information

Place of publication: Tampere  
Publisher: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos  
ISBN (Print): 978-952-15-2851-4  
ISBN (Electronic): 978-952-15-2852-1  
Original language: Finnish  
Electronic versions:  
tampere-pientalo.pdf  
URLs:  
<http://urn.fi/URN:ISBN:978-952-15-2852-1>

### Bibliographical note

on esipuhe<br/>Contribution: organisation=ark ars,FACT1=1  
Source: researchoutputwizard  
Source ID: 4173  
Research output: Book/Report › Anthology › Scientific › peer-review

## Water Fountains in the Worldscape

### General information

Publication status: Published  
MoE publication type: C2 Edited books  
Organisations: School of Architecture, Department of Chemistry and Bioengineering, Former organisation of the author  
Contributors: Hynynen, A. J. (ed.), Juuti, P. S. (ed.), Katko, T. S. (ed.)  
Publication date: 2012

### Publication information

Place of publication: Kangasala  
Publisher: International Water History Association and Kehrämedia Inc.  
ISBN (Print): 978-951-98151-8-3  
Original language: English

### Bibliographical note

on johdanto (Prologue s. 11-18, Epilogue s. 213-214)<br/>Contribution: organisation=ark  
ays,FACT1=0.5<br/>Contribution: organisation=keb bio,FACT2=0.5  
Source: researchoutputwizard  
Source ID: 4282  
Research output: Book/Report › Anthology › Scientific › peer-review

## Takaisin kartalle. Suomalainen seutukaupunki

### General information

Publication status: Published  
MoE publication type: C2 Edited books  
Organisations: School of Architecture  
Contributors: Hynynen, A. (ed.)  
Number of pages: 125  
Publication date: 2012

### Publication information

Place of publication: Helsinki  
Publisher: Suomen Kuntaliitto



ISBN (Print): 978-952-213-889-7  
ISBN (Electronic): 978-952-213-890-3  
Original language: Finnish

#### Publication series

Name: Acta  
Publisher: Suomen Kuntaliitto  
No.: 237  
ISSN (Print): 1237-8569  
URLs:  
[http://shop.kunnat.net/download.php?filename=uploads/acta237\\_sisaltoebook.pdf](http://shop.kunnat.net/download.php?filename=uploads/acta237_sisaltoebook.pdf)

#### Bibliographical note

on johdanto<br/>Contribution: organisation=ark ays,FACT1=1  
Source: researchoutputwizard  
Source ID: 4279  
Research output: Book/Report > Anthology > Scientific > peer-review

#### Hurmaava lähiö. Energiatohokas lähiökorjaaminen -hankkeen loppujulkaisu

The urbanization of Finland was based on suburbs of apartment buildings. Nearly half of the Finnish apartment houses were built in the 1960's and 1970's. These apartment houses were originally planned to be used only 30 years. 40 to 50 years time has passed and there are about half a million apartments like these in the need of different kind of technical repairs. Thus the moment of rehabilitation of the suburbs is now, at the latest. There lie possibilities in this large task of the built environment. As part of the international collaboration for mitigation of the climate change, Finland is committed to reduce its greenhouse gas emissions to a sustainable level. By 2050 80% is aimed to be cut off from the level of 1990's. If suburbs are repaired to become even a little bit more energy-efficient and supportive to sustainable lifestyles, this action has meaning for these national aims merely due to the great amount of suburbs there are to be repaired. The culture of dwelling has changed in 40 years. We need different apartment sizes and types than before. The housing market is lacking many types of urban dwelling such as variations of detached houses in an urban environment. New housing types that are not available elsewhere can be developed in suburbs in pursuance of their renovation. Project ENTELKOR, i.e. "Energy efficient rehabilitation of suburbs of concrete element apartment buildings", has started to map these possibilities of suburb renewal by asking: What has not been explored so far? The search for new research subjects was combined to traditional long term research and development work. This gave birth to four themes: recycling, energy, ecosystem of the city and strategies.

#### General information

Publication status: Published  
MoE publication type: C2 Edited books  
Organisations: School of Architecture  
Contributors: Alatalo, E. (ed.)  
Number of pages: 150  
Publication date: 2012

#### Publication information

Place of publication: Tampere  
Publisher: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos; Tampereen teknillinen yliopisto. Rakennustekniikan laitos; EDGE; Ympäristöministeriö  
ISBN (Print): 978-952-15-2797-5  
ISBN (Electronic): 978-952-15-2798-2  
Original language: Finnish

#### Publication series

Name: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos  
Publisher: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos; Tampereen teknillinen yliopisto. Rakennustekniikan laitos; EDGE; Ympäristöministeriö  
Volume: 7  
ISSN (Print): 1797-4143  
Electronic versions:  
[hurmaava\\_lahio.pdf](#)  
URLs:  
<http://urn.fi/URN:ISBN:978-952-15-2798-2>

#### Bibliographical note

on esipuhe<br/>Contribution: organisation=ark ars,FACT1=1  
Source: researchoutputwizard

Source ID: 3843

Research output: Book/Report > Anthology > Scientific > peer-review

## Wooden Boxes

### General information

Publication status: Published

MoE publication type: C2 Edited books

Organisations: School of Architecture

Contributors: Kuhlmann, D. (ed.), Simmel, C. (ed.), Griffiths, G. (ed.)

Publication date: 2011

### Publication information

Place of publication: Wien

Publisher: Luftschacht Verlag

ISBN (Print): 978-3-902373-93-9

Original language: English

### Bibliographical note

ei ut-numeroa 29.3.2014<br/>Contribution: organisation=ark ays,FACT1=1

Source: researchoutputwizard

Source ID: 6446

Research output: Book/Report > Anthology > Scientific > peer-review

## Water Fountains in the Cityscape

### General information

Publication status: Published

MoE publication type: C2 Edited books

Organisations: School of Architecture, Department of Chemistry and Bioengineering, Former organisation of the author

Contributors: Hynynen, A. J. (ed.), Juuti, P. S. (ed.), Katko, T. S. (ed.)

Publication date: 2011

### Publication information

Place of publication: Kansas City,MO

Publisher: Public Works Historical Society

ISBN (Print): 978-1-60675-029-2

Original language: English

### Publication series

Name: Essays in Public Works History

Publisher: Public Works Historical Society

Volume: 30

ISSN (Print): 1047-5257

### Bibliographical note

poistettu tupla r=3993. ei ut-numeroa 15.3.2014<br/>Contribution: organisation=ark ays,FACT1=0.33<br/>Contribution: organisation=keb bio,FACT2=0.67

Source: researchoutputwizard

Source ID: 6155

Research output: Book/Report > Anthology > Scientific > peer-review

## Kylät kehällä. Kyläsuunnittelu kaupunkiseudun ulkokehällä

### General information

Publication status: Published

MoE publication type: C2 Edited books

Organisations: School of Architecture

Contributors: Aaltonen, J. (ed.), Hynynen, A. (ed.), Lodenius, S. (ed.)

Number of pages: 122

Publication date: 2010

### Publication information

Place of publication: Tampere

Publisher: Kantri ry, Pirkan Helmi ry, Pirkanmaan TE-keskus, Tampereen teknillinen yliopisto. EDGE  
ISBN (Print): 978-952-15-2345-8  
Original language: Finnish

#### **Publication series**

Name: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos. EDGE Arkkitehtuuri- ja kaupunkitutkimuslaboratorio  
Publisher: Kantri ry, Pirkan Helmi ry, Pirkanmaan TE-keskus, Tampereen teknillinen yliopisto. EDGE

#### **Bibliographical note**

Contribution: organisation=ark aht,FACT1=1  
Source: researchoutputwizard  
Source ID: 7612  
Research output: Book/Report > Anthology > Scientific > peer-review

### **Pirkkalan Pappilanranta, Pirkkala Parish Shore**

#### **General information**

Publication status: Published  
MoE publication type: C2 Edited books  
Organisations: School of Architecture  
Contributors: Pesonen, M. (ed.), Salonen, K. (ed.)  
Publication date: 2010

#### **Publication information**

Publisher: Unknown Publisher  
ISBN (Print): 978-952-15-2301-4  
Original language: Finnish

#### **Publication series**

Name: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos. Yhdyskuntasuunnittelu ja Rakennusoppi. Puustudio. Finnish  
Wood Architecture. Competition 2008-2009

#### **Bibliographical note**

Contribution: organisation=ark ars,FACT1=1  
Source: researchoutputwizard  
Source ID: 8991  
Research output: Book/Report > Anthology > Scientific > peer-review

### **Kivinavetat, Finn Vernadoc 2009 - Kivinavettakinkerit**

#### **General information**

Publication status: Published  
MoE publication type: C2 Edited books  
Organisations: School of Architecture  
Contributors: Mattila, M. (ed.)  
Number of pages: 133  
Publication date: 2010

#### **Publication information**

Place of publication: Vilppula  
Publisher: Ruoveden kunnan sivistystoimi, Suomen Icomos, Kansanrakentamisen komitea  
ISBN (Print): 978-951-96602-8-8  
Original language: Finnish

#### **Bibliographical note**

Contribution: organisation=ark aht,FACT1=1  
Source: researchoutputwizard  
Source ID: 8768  
Research output: Book/Report > Anthology > Scientific > peer-review

### **Kauppakeskukset osana kestäväää kulutusta ja kaupunkirakennetta**

#### **General information**

Publication status: Published

MoE publication type: C2 Edited books  
Organisations: School of Architecture, Aalto University  
Contributors: Kanninen, V. (ed.), Rantanen, A. (ed.)  
Publication date: 2010

#### Publication information

Place of publication: Espoo  
Publisher: Aalto-yliopisto  
ISBN (Print): 978-952-60-3541-3  
Original language: Finnish

#### Publication series

Name: Yhdyskuntasuunnittelun tutkimus- ja koulutuskeskuksen julkaisuja. C  
Publisher: Aalto-yliopisto  
Volume: 82  
ISSN (Print): 1455-7754  
URLs:  
<http://lib.tkk.fi/Reports/2010/isbn9789526035420.pdf>

#### Bibliographical note

Contribution: organisation=ark:ays,FACT1=1  
Source: researchoutputwizard  
Source ID: 8280  
Research output: Book/Report > Anthology > Scientific > peer-review

### Urban fallows. Transformations & breeding grounds

#### General information

Publication status: Published  
MoE publication type: C2 Edited books  
Organisations: School of Architecture  
Contributors: Ylä-Anttila, K. (ed.)  
Number of pages: 132  
Publication date: 2010

#### Publication information

Place of publication: Tampere  
Publisher: Tampere University of Technology  
ISBN (Print): 978-952-15-2490-5  
Original language: English

#### Publication series

Name: Tampere University of Technology. School of Architecture. Publication  
Publisher: Tampere University of Technology  
Volume: 2  
ISSN (Print): 1797-4143

#### Bibliographical note

City of Tampere / Creative Tampere, NCC Property development Oy, Ramboll Finland Oy, UPM, City of Akaa, Council of Tampere Region  
Contribution: organisation=ark:ays,FACT1=1  
Source: researchoutputwizard  
Source ID: 9649  
Research output: Book/Report > Anthology > Scientific > peer-review

### On Hares, Ferryman and Empathy in Architectural Education

#### General information

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: Architecture  
Contributors: Nieto Fernandez, F., Rubio Hernandez, R.  
Pages: 31-33  
Publication date: Sep 2020  
Peer-reviewed: Unknown

### Publication information

Journal: Arkkitehti

Volume: 117

Issue number: 4/2020

ISSN (Print): 0783-3660

Original language: English

ASJC Scopus subject areas: Architecture

URLs:

<https://www.ark.fi/en/2020/04/on-hares-ferryman-and-empathy-in-architectural-education/>

Research output: Contribution to journal › Article › Professional

### Arkkitehtuurissa riittää tutkittavaa

#### General information

Publication status: Published

MoE publication type: D1 Article in a trade journal

Organisations: Architecture, Research group: Urban Planning and Design

Contributors: Chudoba, M.

Number of pages: 1

Pages: 38

Publication date: Nov 2019

Peer-reviewed: Unknown

#### Publication information

Journal: Arkkitehti uutiset

Issue number: 11

ISSN (Print): 0044-8915

Original language: Finnish

URLs:

[http://www.e-julkaisu.fi/SAFA/au\\_arkkitehti uutiset/11-2019/mobile.html#pid=38](http://www.e-julkaisu.fi/SAFA/au_arkkitehti uutiset/11-2019/mobile.html#pid=38) (Link to publication page. )

Research output: Contribution to journal › Article › Professional

### Asukaskeisyys asuntorakentamisen haasteena: kommunikatiivisesta kuilusta yhteistyöhön? Miten saataisiin asuntotarjontaa, joka palvelisi nykyistä paremmin asukkaita?

#### General information

Publication status: Published

MoE publication type: D1 Article in a trade journal

Organisations: Architecture, Research group: ASUTUT

Contributors: Saarimaa, S., Nieminen, N.

Number of pages: 32

Pages: 28-29

Publication date: 15 Oct 2019

Peer-reviewed: Unknown

#### Publication information

Journal: ARA Viesti, Asumisen rahoitus- ja kehittämiskeskus (ARA)

Volume: 2/2019

ISSN (Print): 2343-1520

Original language: Finnish

URLs:

<https://www.ara.fi/fi-FI/Tietopankki/ARAviesti>

Research output: Contribution to journal › Article › Professional

### Vantaa Multipurpose Ice Arena

#### General information

Publication status: Published

MoE publication type: D1 Article in a trade journal

Organisations: Architecture

Contributors: Karjalainen, M.

Number of pages: 6

Pages: 66-71

Publication date: 10 Jun 2019  
Peer-reviewed: Unknown

#### Publication information

Journal: Puu-lehti  
Volume: 39  
Issue number: 2  
ISSN (Print): 0357-9484  
Original language: Finnish  
URLs:

<https://proofer.faktor.fi/epaper/Puu219/>

Research output: Contribution to journal › Article › Professional

**Tutkimus suomalaisten asuinpuukerrostalojen runkoratkaisuista ja asuntojen omistusmuodoista: Research on framing solutions and home ownership of wood apartment buildings in Finland.**

#### General information

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: Architecture, Research group: Built Environment in Transition  
Contributors: Karjalainen, M.  
Number of pages: 5  
Pages: 60-64  
Publication date: 21 Feb 2019  
Peer-reviewed: Unknown

#### Publication information

Journal: Puu-lehti  
Volume: 39  
Issue number: 1  
ISSN (Print): 0357-9484  
Original language: Finnish  
URLs:

<https://proofer.faktor.fi/epaper/Puu119/>

Research output: Contribution to journal › Article › Professional

**CLT- ja LVL-tilaelementtiratkaisut yleistyvät puukerrostalorakentamisessa: Tampereen yliopiston arkkitehtuurin yksikkö selvitti CLT- ja LVL-tilaelementtiratkaisut yleistyvät puukerrostalorakentamisessa**

#### General information

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: Architecture, Research group: Built Environment in Transition  
Contributors: Karjalainen, M.  
Number of pages: 3  
Pages: 23-25  
Publication date: 30 Jan 2019  
Peer-reviewed: Unknown

#### Publication information

Journal: Puumies  
Volume: 64  
Issue number: 1  
ISSN (Print): 0355-953X  
Original language: Finnish

Research output: Contribution to journal › Article › Professional

**In memoriam: Terttu Nupponen 24.1.1947–7.2.2019**

#### General information

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: Architecture, Research group: Urban Planning and Design, University of Turku  
Contributors: Eräsaari, L., Heimala-Pelkonen, M., Kurki, H., Norvasuo, M., Puustinen, S., Särkikoski, T.

Number of pages: 2  
Pages: 33-34  
Publication date: 2019  
Peer-reviewed: Unknown

#### **Publication information**

Journal: Yhdyskuntasuunnittelu  
Volume: 57  
Issue number: 3  
ISSN (Print): 1459-6806  
Original language: Finnish  
DOIs:  
10.33357/ys.86014

Research output: Contribution to journal › Article › Professional

#### **Uutta ajattelua rakennusosien kierrättämiseen**

##### **General information**

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: Architecture, Research group: Architecture: History and Theory  
Contributors: Kalakoski, I.  
Publication date: 2019  
Peer-reviewed: Unknown

##### **Publication information**

Journal: Kulttuurista perinnöksi  
Volume: 3  
ISSN (Print): 2489-6233  
Original language: Finnish  
URLs:

<https://www.kulttuuristaperinnoksi.fi/2019/uutta-ajattelua-rakennusosien-kierrattamiseen>

Research output: Contribution to journal › Article › Professional

#### **Kulttuuriperintö ilmastokriisin kourissa – mutta myös osana ratkaisua?**

##### **General information**

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: Architecture  
Contributors: Salmela, U., Kalakoski, I.  
Publication date: 2019  
Peer-reviewed: Unknown

##### **Publication information**

Journal: Kulttuurista perinnöksi  
Volume: 3  
ISSN (Print): 2489-6233  
Original language: Finnish  
URLs:

<https://www.kulttuuristaperinnoksi.fi/2019/kulttuuriperinto-ilmastokriisin-kourissa>

Research output: Contribution to journal › Article › Professional

#### **Muusikko, tarinankertoja, Suomen ystävä: haastattelussa Daniel Libeskind**

##### **General information**

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: Architecture, Research group: Architecture: History and Theory  
Contributors: Kalakoski, I.  
Publication date: 2019  
Peer-reviewed: Unknown

##### **Publication information**

Journal: Arkkitehtiutiset  
Volume: 9  
Issue number: 2019  
ISSN (Print): 0044-8915  
Original language: Finnish  
Research output: Contribution to journal › Article › Professional

### **Split Level: A story of ruptures and their appropriations**

#### **General information**

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: Architecture, Research group: Urban Planning and Design  
Contributors: Milián Bernal, D., Lehtovuori, P.  
Number of pages: 8  
Pages: 68-75  
Publication date: 2019  
Peer-reviewed: Unknown

#### **Publication information**

Journal: Estonian Architectural Review - MAJA  
Volume: Winter 2019  
Issue number: 95  
Original language: English  
Electronic versions:  
Split Level A story of ruptures 2020  
URLs:  
<https://ajakirimaja.ee/en/dalia-milian-bernal-panu-lehtovuori-split-level/>  
<http://urn.fi/URN:NBN:fi:tuni-202008136467>  
Research output: Contribution to journal › Article › Professional

### **Puukerrostaloalue Rauman Papinpellolle**

#### **General information**

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: Architecture  
Contributors: Karjalainen, M.  
Number of pages: 3  
Pages: 62-64  
Publication date: 2 Nov 2018  
Peer-reviewed: Unknown

#### **Publication information**

Journal: Puu-lehti  
Volume: 38  
Issue number: 3  
ISSN (Print): 0357-9484  
Original language: Finnish  
URLs:  
<https://proofer.faktor.fi/epaper/Puu318/>  
Research output: Contribution to journal › Article › Professional

### **Kohti käyttäjäkeskeistä asuntorakentamista: Asukaskeskeisen tilasuunnittelun osa-alueet**

#### **General information**

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: Architecture  
Contributors: Saarimaa, S.  
Number of pages: 2  
Publication date: 29 Sep 2018  
Peer-reviewed: Unknown



### Publication information

Journal: RY Rakennettu ympäristö

Issue number: 3

ISSN (Print): 1457-9510

Original language: Finnish

URLs:

<http://proofer.faktor.fi/epaper/RY318/#32>

Research output: Contribution to journal › Article › Professional

### KARKIT – Kohtuuhintaisen asumisen rakennuskonseptit

#### General information

Publication status: Published

MoE publication type: D1 Article in a trade journal

Organisations: Architecture, Research group: ASUTUT

Contributors: Tarpio, J.

Number of pages: 3

Pages: 15-17

Publication date: Aug 2018

Peer-reviewed: Unknown

#### Publication information

Journal: Araviesti

Volume: 2018

Issue number: 2

ISSN (Print): 1457-8093

Original language: Finnish

URLs:

<http://www.ara.fi/fi->

[FI/Tietopankki/ARAviesti/ARAviestin\\_verkkoartikkelit/KARKIT\\_\\_Kohtuuhintaisen\\_asumisen\\_rakennu\(47729\)](http://www.ara.fi/fi-)

Research output: Contribution to journal › Article › Professional

### Vaasa's wooden tower of innovation -arkkitehtipiskelijakilpailu

#### General information

Publication status: Published

MoE publication type: D1 Article in a trade journal

Organisations: Architecture, Research group: Built Environment in Transition

Contributors: Karjalainen, M.

Number of pages: 8

Pages: 60-67

Publication date: 15 Jun 2018

Peer-reviewed: Unknown

#### Publication information

Journal: Puu-lehti

Volume: 38

Issue number: 2

ISSN (Print): 0357-9484

Original language: Finnish

URLs:

<https://www.puuinfo.fi/articles/puu-lehti-22018>

Research output: Contribution to journal › Article › Professional

### Vanha rakennuskanta: kestävän kaupungistumisen riesa vai voimavara?

#### General information

Publication status: Published

MoE publication type: D1 Article in a trade journal

Organisations: Architecture, Research group: Built Environment in Transition

Contributors: Huuhka, S.

Number of pages: 1

Pages: 12

Publication date: 2 Feb 2018

Peer-reviewed: Unknown

### Publication information

Journal: Rakentaminen & Infrastrukturi

Volume: 2018

Issue number: 1

Original language: Finnish

Research output: Contribution to journal › Article › Professional

### Tehdään älykästä

#### General information

Publication status: Published

MoE publication type: D1 Article in a trade journal

Organisations: Architecture, Research group: Urban Laboratory

Contributors: Hynynen, A.

Number of pages: 2

Pages: 12-13

Publication date: 2018

Peer-reviewed: Unknown

#### Publication information

Journal: Arkkitehtiutiset

Issue number: 1/2018

ISSN (Print): 0044-8915

Original language: Finnish

URLs:

[http://www.e-julkaisu.fi/SAFA/au\\_arkkitehtiutiset/1-2018/](http://www.e-julkaisu.fi/SAFA/au_arkkitehtiutiset/1-2018/)

Research output: Contribution to journal › Comment/debate › Professional

### Kaupunkikuvan muutos herätti arkkitehdit elokuvan tekoon

#### General information

Publication status: Published

MoE publication type: D1 Article in a trade journal

Organisations: Architecture, Research group: Architecture: History and Theory

Contributors: Kalakoski, I.

Publication date: 2018

Peer-reviewed: Unknown

#### Publication information

Journal: Kulttuurista perinnöksi

Volume: 2

ISSN (Print): 2489-6233

Original language: Finnish

URLs:

<https://www.kulttuuristaperinnoksi.fi/2018/kaupunkikuvan-muutos>

Research output: Contribution to journal › Article › Professional

### Kestävyys ja korjaaminen

#### General information

Publication status: Published

MoE publication type: D1 Article in a trade journal

Organisations: Architecture, Research group: Architecture: History and Theory

Contributors: Kalakoski, I., Lehtinen, P.

Publication date: 2018

Peer-reviewed: Unknown

#### Publication information

Journal: Kulttuurista perinnöksi

Volume: 2

ISSN (Print): 2489-6233

Original language: Finnish

URLs:

<https://www.kulttuuristaperinnoksi.fi/2018/kestavyys-ja-korjaaminen>

Research output: Contribution to journal › Article › Professional

### **Lähiöasunto: mainettaan muuntautumiskykyisempi**

#### **General information**

Publication status: Published

MoE publication type: D1 Article in a trade journal

Organisations: Research group: Built Environment in Transition, Architecture

Contributors: Huuhka, S.

Number of pages: 4

Pages: 16-19

Publication date: Dec 2017

Peer-reviewed: Unknown

#### **Publication information**

Journal: RY Rakennettu ympäristö

Volume: 54

Issue number: 4

ISSN (Print): 1457-9510

Original language: Finnish

URLs:

<http://proofer.faktor.fi/epaper/R417/>

Research output: Contribution to journal › Article › Professional

### **Puukerrostalot yleistyvät hitaasti mutta varmasti**

#### **General information**

Publication status: Published

MoE publication type: D1 Article in a trade journal

Organisations: Architecture

Contributors: Karjalainen, M.

Number of pages: 1

Pages: 2

Publication date: 10 Nov 2017

Peer-reviewed: Unknown

#### **Publication information**

Journal: Rakennuslehti

Issue number: 45

Article number: Rakennuslehti 45/2017

ISSN (Print): 0033-9121

Original language: Finnish

URLs:

<https://www.rakennuslehti.fi/blogit/puukerrostalot-yleistyvat-hitaasti-mutta-varmasti/>

Research output: Contribution to journal › Article › Professional

### **Puukerrostalojen asukas- ja rakennuttajakyselyn 2017 tulokset**

#### **General information**

Publication status: Published

MoE publication type: D1 Article in a trade journal

Organisations: Architecture, Research group: Built Environment in Transition

Contributors: Karjalainen, M.

Number of pages: 6

Pages: 48-53

Publication date: Oct 2017

Peer-reviewed: Unknown

#### **Publication information**

Journal: Puu-lehti

Volume: 37  
Issue number: 3  
ISSN (Print): 0357-9484  
Original language: Finnish  
URLs:  
<http://proofer.faktor.fi/epaper/Puu317/>

Research output: Contribution to journal › Article › Professional

### **Myyttejä purkamassa: Totta ja tarua puretuista rakennuksista**

#### **General information**

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: Architecture, Research group: Built Environment in Transition  
Contributors: Huuhka, S.  
Number of pages: 4  
Pages: 24-27  
Publication date: Sep 2017  
Peer-reviewed: Unknown

#### **Publication information**

Journal: RY Rakennettu ympäristö  
Volume: 54  
Issue number: 3  
ISSN (Print): 1457-9510  
Original language: Finnish  
URLs:  
<http://proofer.faktor.fi/epaper/RY317/#24>  
Research output: Contribution to journal › Article › Professional

### **Polish jewish history museum, Polin**

#### **General information**

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: Architecture, Research group: Architecture: History and Theory  
Contributors: Lahdelma, I.  
Publication date: Mar 2017  
Peer-reviewed: Unknown

#### **Publication information**

Journal: YAPI, Architecture, Design, Culture and art magazine, Turkki  
Volume: 424  
Issue number: 3  
Original language: English  
URLs:  
[http://www.yapidergisi.com/V\\_images/DergiSayilari/424icindekiler.pdf](http://www.yapidergisi.com/V_images/DergiSayilari/424icindekiler.pdf)  
Research output: Contribution to journal › Article › Professional

### **Rakennuksia tyhjiillään keskuksissa ja syrjäseuduilla: Kannattaako uutta rakentaa?**

#### **General information**

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: Architecture, Research group: Built Environment in Transition  
Contributors: Huuhka, S.  
Pages: 24-25  
Publication date: Jan 2017  
Peer-reviewed: Unknown

#### **Publication information**

Journal: Araviesti  
Volume: 2017

Issue number: 1  
ISSN (Print): 1457-8093  
Original language: Finnish  
URLs:

<http://www.ara.fi/download/noname/%7B80CDE0B8-5496-49F2-85B4-63FB1EEA13EE%7D/124340>

<http://www.ara.fi/fi->

FI/ARAtietopankki/ARAviesti/ARAviestin\_verkkoartikkelit/Nakokulma\_Rakennuksia\_tyhjillaan\_keskuks%2841812%29

Research output: Contribution to journal › Article › Professional

## **Oulun Asemakeskus**

### **General information**

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: Architecture, Research group: Architecture: History and Theory  
Contributors: Lahdelma, I.  
Publication date: Jan 2017  
Peer-reviewed: Unknown

### **Publication information**

Journal: Fassadentechnik  
Issue number: 1  
Original language: English  
Research output: Contribution to journal › Article › Professional

## **Atmosfäärien salainen voima**

### **General information**

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: Architecture, Research group: Architecture: History and Theory  
Contributors: Passinmäki, P.  
Number of pages: 2  
Pages: 82-83  
Publication date: 2017  
Peer-reviewed: Unknown

### **Publication information**

Journal: Arkkitehti  
Volume: 114  
Issue number: 2  
ISSN (Print): 0783-3660  
Original language: Finnish  
Research output: Contribution to journal › Article › Professional

## **Ajatuksia kaupunkiasumisen tulevaisuudesta**

### **General information**

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: Architecture, Research group: Architecture: History and Theory  
Contributors: Kalakoski, I.  
Pages: 16-17  
Publication date: 2017  
Peer-reviewed: Unknown

### **Publication information**

Journal: Arkkitehtiutiset  
Issue number: 5/2017  
ISSN (Print): 0044-8915  
Original language: Finnish  
Research output: Contribution to journal › Article › Professional

## **Alma Mater ja keihäänkärjet. Pääkirjoitus.**

### **General information**

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: Architecture, Research group: Architecture: History and Theory  
Contributors: Kalakoski, I.  
Publication date: 2017  
Peer-reviewed: Unknown

### **Publication information**

Journal: Arkkitehtiutiset  
Issue number: 3  
ISSN (Print): 0044-8915  
Original language: Finnish  
URLs:  
[http://www.safa.fi/fin/julkaisut/arkkitehtiutiset\\_au/nbspnbsparkisto/](http://www.safa.fi/fin/julkaisut/arkkitehtiutiset_au/nbspnbsparkisto/)  
Research output: Contribution to journal › Editorial › Professional

## **Betonia päiväkotiin, sirkukseen ja teatteriin, TTY:n Arkkitehtuurinlaitoksen Betonistudio 2016**

### **General information**

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: Architecture, Research group: Built Environment in Transition  
Contributors: Pesonen, M.  
Number of pages: 7  
Pages: 64-70  
Publication date: 2017  
Peer-reviewed: Unknown

### **Publication information**

Journal: Betoni  
Issue number: 1  
ISSN (Print): 1235-2136  
Original language: Finnish  
URLs:  
<http://betoni.com/betonilehti/1-2017/>  
Research output: Contribution to journal › Article › Professional

## **Miten korjata modernismia: Kitsch ja korjausrakentaminen**

### **General information**

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: Architecture, Research group: Architecture: History and Theory  
Contributors: Koponen, O., Mustonen, T., Horto, S., Woolston, S.  
Publication date: 2017  
Peer-reviewed: Unknown

### **Publication information**

Journal: Arkkitehti  
Issue number: 1  
ISSN (Print): 0783-3660  
Original language: Finnish  
Research output: Contribution to journal › Article › Professional

## **Sinivalkoisia faktoja: Blue and white facts**

### **General information**

Publication status: Published  
MoE publication type: D1 Article in a trade journal

Organisations: Architecture  
Contributors: Kalakoski, I.  
Publication date: 2017  
Peer-reviewed: Unknown

#### Publication information

Journal: Arkkitehti  
Issue number: 2  
ISSN (Print): 0783-3660  
Original language: Finnish  
Research output: Contribution to journal › Book/Film/Article review › Professional

#### Woodblock: Два проекта для Кронштадт / Two projects for Kronstadt

#### General information

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: Research group: Built Environment in Transition, Architecture  
Contributors: Frolov, V., Huuhka, S., Linov, V., Helin, P.  
Number of pages: 7  
Pages: 68-74  
Publication date: 2017  
Peer-reviewed: Unknown

#### Publication information

Journal: Project Baltia  
Issue number: 29  
Original language: English  
URLs:  
<http://projectbaltia.com/en/archive-en/13825/>  
Research output: Contribution to journal › Book/Film/Article review › Professional

#### Kultivoituneet luolamiehet

#### General information

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: Architecture  
Contributors: Koponen, O.  
Number of pages: 2  
Pages: 35-36  
Publication date: 2017  
Peer-reviewed: Unknown

#### Publication information

Journal: Arkkitehti  
Volume: 2017  
Issue number: 5  
ISSN (Print): 0783-3660  
Original language: Finnish  
Research output: Contribution to journal › Article › Professional

#### Monipuolistaminen on hyvää asuntorakentamispoliitikkaa

#### General information

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: Architecture, Research group: Urban Planning Theory, Research group: Urban Planning and Design  
Contributors: Lehtovuori, P., Lehtovuori, O.  
Publication date: 2017  
Peer-reviewed: Unknown

#### Publication information

Journal: RY Rakennettu ympäristö

Issue number: 4  
ISSN (Print): 1457-9510  
Original language: Finnish  
URLs:  
<http://proofer.faktor.fi/epaper/RY417/index.html#30>  
Research output: Contribution to journal › Article › Professional

### **Arkkitehtuuri esiin Helsingin strategiassa**

#### **General information**

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: Architecture, Research group: Urban Planning Theory, Research group: Urban Planning and Design  
Contributors: Lehtovuori, P.  
Number of pages: 1  
Pages: 3  
Publication date: 2017  
Peer-reviewed: Unknown

#### **Publication information**

Journal: Arkkitehtiutiset  
Issue number: 9  
ISSN (Print): 0044-8915  
Original language: Finnish  
URLs:  
[http://www.e-julkaisu.fi/SAFA/au\\_arkkitehtiutiset/9\\_2017/](http://www.e-julkaisu.fi/SAFA/au_arkkitehtiutiset/9_2017/)  
Research output: Contribution to journal › Article › Professional

### **Arkkitehtuuritutkimus nyt**

#### **General information**

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: School of Architecture, Research group: Urban Planning  
Contributors: Chudoba, M.  
Number of pages: 1  
Pages: 15  
Publication date: Nov 2016  
Peer-reviewed: Unknown

#### **Publication information**

Journal: Arkkitehtiutiset  
Issue number: 11  
ISSN (Print): 0044-8915  
Original language: Finnish  
URLs:  
[http://www.e-julkaisu.fi/SAFA/au\\_arkkitehtiutiset/11\\_2016/mobile.html#pid=5](http://www.e-julkaisu.fi/SAFA/au_arkkitehtiutiset/11_2016/mobile.html#pid=5)  
Research output: Contribution to journal › Article › Professional

### **Monenlaista joustavuutta**

#### **General information**

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: School of Architecture  
Contributors: Tarpio, J.  
Number of pages: 10  
Pages: 12-21  
Publication date: Sep 2016  
Peer-reviewed: Unknown

#### **Publication information**

Journal: Arkkitehti



Volume: 2016  
Issue number: 4  
ISSN (Print): 0783-3660  
Original language: Finnish  
Electronic versions:  
ark\_4\_2016\_monenlaista\_joustavuutta  
URLs:  
<http://urn.fi/URN:NBN:fi:ty-201709071869>  
Research output: Contribution to journal › Article › Professional

### **Arkkitehtuurin monet mahdollisuudet**

#### **General information**

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: School of Architecture, Research group: Urban Planning  
Contributors: Chudoba, M.  
Number of pages: 4  
Pages: 6-9  
Publication date: May 2016  
Peer-reviewed: Unknown

#### **Publication information**

Journal: Arkkitehtiutiset  
Issue number: 5  
ISSN (Print): 0044-8915  
Original language: Finnish  
URLs:  
[http://www.e-julkaisu.fi/SAFA/au\\_arkkitehtiutiset/5\\_2016/](http://www.e-julkaisu.fi/SAFA/au_arkkitehtiutiset/5_2016/) (Interview of architect Junya Ishigami)  
Research output: Contribution to journal › Article › Professional

### **Asemanseutujen momentum**

#### **General information**

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: School of Architecture, Research group: Urban Laboratory  
Contributors: Hynynen, A.  
Number of pages: 2  
Pages: 22-23  
Publication date: 2016  
Peer-reviewed: Unknown

#### **Publication information**

Journal: Arkkitehtiutiset  
Volume: 2016  
Issue number: 4  
ISSN (Print): 0044-8915  
Original language: Finnish  
URLs:  
[http://www.e-julkaisu.fi/SAFA/au\\_arkkitehtiutiset/4\\_2016/](http://www.e-julkaisu.fi/SAFA/au_arkkitehtiutiset/4_2016/)  
Research output: Contribution to journal › Comment/debate › Professional

### **Jotain uutta, jotain lainattua – ja hieman keltaista. Satakunnankatu 21.**

#### **General information**

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: Architecture, Research group: ASUTUT  
Contributors: Helamaa, A.  
Pages: 39-40  
Publication date: 2016  
Peer-reviewed: Unknown

### Publication information

Journal: Arkkitehti

Issue number: 5

ISSN (Print): 0783-3660

Original language: Finnish

Research output: Contribution to journal › Article › Professional

### Aalto-kirjasto, Seinäjoki

#### General information

Publication status: Published

MoE publication type: D1 Article in a trade journal

Organisations: Architecture

Contributors: Koponen, O.

Publication date: 2016

Peer-reviewed: Unknown

#### Publication information

Journal: Arkkitehti

Issue number: 1

ISSN (Print): 0783-3660

Original language: Finnish

Research output: Contribution to journal › Article › Professional

### Aalto Bibliothek in Seinäjoki: Feinfühlige Restaurierung der Moderne

#### General information

Publication status: Published

MoE publication type: D1 Article in a trade journal

Organisations: Architecture

Contributors: Koponen, O.

Publication date: 2016

Peer-reviewed: Unknown

#### Publication information

Journal: Alvar Aalto Gesellschaft

Issue number: Bulletin 39

Original language: German

URLs:

<http://alvar-aalto-gesellschaft.eu/de/ueberuns/archiv/archivbulletins/>

Research output: Contribution to journal › Article › Professional

### Kaupunkitutkimuksen uusi aalto

#### General information

Publication status: Published

MoE publication type: D1 Article in a trade journal

Organisations: Architecture, Research group: Urban Planning Theory, Research group: Urban Planning and Design

Contributors: Lehtovuori, P.

Number of pages: 2

Pages: 30-31

Publication date: 2016

Peer-reviewed: Unknown

#### Publication information

Journal: Arkkitehtiutiset

Issue number: 8

ISSN (Print): 0044-8915

Original language: Finnish

URLs:

[http://www.e-julkaisu.fi/SAFA/au\\_arkkitehtiutiset/8\\_2016/](http://www.e-julkaisu.fi/SAFA/au_arkkitehtiutiset/8_2016/)

Research output: Contribution to journal › Article › Professional

### **Betonilähiö joustaa muuttuviin asumistarpeisiin**

Suomalaisesta kerrostaloasuntokannasta 26% on peräisin 1970-luvulta. Tämän joukon yksistään on arvioitu aiheuttavan noin 70 000 asunnon perusparannustarpeen seuraavien kymmenen vuoden aikana. Rakenteellisten seikkojen lisäksi erityisesti demografiset muutokset luovat painetta olemassa olevan rakennuskannan päivittämiseksi uudistuotannon ohessa. Tampereen teknillisen yliopiston Arkkitehtuurin laitoksen MuutosMallit-hankkeessa on tutkittu aikakauden suomalaisia asuinkerrostaloja asuntojen uudistamisen näkökulmasta.

#### **General information**

Publication status: Published

MoE publication type: D1 Article in a trade journal

Organisations: School of Architecture, Research group: ASUTUT, Tampere University of Technology

Contributors: Kaasalainen, H., Achrén, H.

Number of pages: 6

Pages: 54-59

Publication date: Jun 2015

Peer-reviewed: Unknown

#### **Publication information**

Journal: *Betoni*

Volume: 85

Issue number: 2

ISSN (Print): 1235-2136

Original language: Finnish

ASJC Scopus subject areas: Architecture

Keywords: renovation, accessibility, housing estate, aging, elderly, diversity

URLs:

[http://issuu.com/kivirakentaminen/docs/betoni\\_2\\_2015\\_koko\\_lehti\\_](http://issuu.com/kivirakentaminen/docs/betoni_2_2015_koko_lehti_)

Research output: Contribution to journal > Article > Professional

### **Maailma muuttuu – miksei lähiöasunnotkin?**

Tampere University of Technology's School of Architecture studies how the Finnish 1970's housing estates could be renovated to meet today's changed housing needs.

#### **General information**

Publication status: Published

MoE publication type: D1 Article in a trade journal

Organisations: School of Architecture, Research group: Built Environment in Transition, Tampere University of Technology

Contributors: Kaasalainen, H., Achrén, H., Huuhka, S.

Number of pages: 2

Pages: 22-23

Publication date: 20 Jan 2015

Peer-reviewed: Unknown

#### **Publication information**

Journal: *Araviesti*

Issue number: 1

ISSN (Print): 1457-8093

Original language: Finnish

ASJC Scopus subject areas: Architecture

Keywords: renovation, housing estates, accessibility, diversity

URLs:

<http://www.ara.fi/download/noname/%7B3C577C2D-064A-471F-92DA-0E877972A389%7D/106508>

Research output: Contribution to journal > Article > Professional

### **Proffana provinssissa**

#### **General information**

Publication status: Published

MoE publication type: D1 Article in a trade journal

Organisations: School of Architecture, Research group: Urban Laboratory

Contributors: Hynynen, A.

Number of pages: 2

Pages: 32-33

Publication date: 2015  
Peer-reviewed: Unknown

#### **Publication information**

Journal: Arkkitehtiutiset  
Issue number: 9  
ISSN (Print): 0044-8915  
Original language: Finnish  
URLs:

[http://www.e-julkaisu.fi/SAFA/au\\_arkkitehtiutiset/9\\_2015/](http://www.e-julkaisu.fi/SAFA/au_arkkitehtiutiset/9_2015/)

Research output: Contribution to journal › Comment/debate › Professional

#### **Koteja ja kokonaistaideteoksia**

##### **General information**

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: School of Architecture, Research group: Urban Planning  
Contributors: Chudoba, M.  
Number of pages: 3  
Pages: 76-78  
Publication date: 2015  
Peer-reviewed: Unknown

##### **Publication information**

Journal: Arkkitehti  
Issue number: 3  
ISSN (Print): 0783-3660  
Original language: Finnish  
Research output: Contribution to journal › Article › Professional

#### **Kaupunki näyttämönä**

##### **General information**

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: School of Architecture, Research group: Urban Planning  
Contributors: Chudoba, M.  
Number of pages: 2  
Pages: 12-13  
Publication date: 2015  
Peer-reviewed: Unknown

##### **Publication information**

Journal: Arkkitehtiutiset  
Issue number: 8  
ISSN (Print): 0044-8915  
Original language: Finnish  
URLs:

[http://www.e-julkaisu.fi/SAFA/au\\_arkkitehtiutiset/8\\_2015/](http://www.e-julkaisu.fi/SAFA/au_arkkitehtiutiset/8_2015/)

Research output: Contribution to journal › Article › Professional

#### **Kaupunki uudistuu**

##### **General information**

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: School of Architecture, Research group: Urban Planning  
Contributors: Chudoba, M.  
Number of pages: 2  
Pages: 12-13  
Publication date: 2015  
Peer-reviewed: Unknown

### **Publication information**

Journal: Arkkitehtiutiset

Issue number: 10

ISSN (Print): 0044-8915

Original language: Finnish

URLs:

[http://www.e-julkaisu.fi/SAFA/au\\_arkkitehtiutiset/10\\_2015/](http://www.e-julkaisu.fi/SAFA/au_arkkitehtiutiset/10_2015/)

Research output: Contribution to journal › Article › Professional

### **Taskinen yksissä kansissa**

#### **General information**

Publication status: Published

MoE publication type: D1 Article in a trade journal

Organisations: School of Architecture, Research group: History of Architecture

Contributors: Passinmäki, P.

Number of pages: 2

Pages: 89-90

Publication date: 2015

Peer-reviewed: Unknown

#### **Publication information**

Journal: Arkkitehti

Issue number: 2

ISSN (Print): 0783-3660

Original language: Finnish

Research output: Contribution to journal › Article › Professional

### **Kattavasti rivitaloista**

#### **General information**

Publication status: Published

MoE publication type: D1 Article in a trade journal

Organisations: School of Architecture, Research group: ASUTUT

Contributors: Helamaa, A.

Number of pages: 2

Pages: 80-81

Publication date: 2015

Peer-reviewed: Unknown

#### **Publication information**

Journal: Arkkitehti

Issue number: 3

ISSN (Print): 0783-3660

Original language: Finnish

Research output: Contribution to journal › Book/Film/Article review › Professional

### **Postmodernismi Suomen rakennusperinnössä**

#### **General information**

Publication status: Published

MoE publication type: D1 Article in a trade journal

Organisations: School of Architecture, Research group: History of Architecture

Contributors: Koponen, O.

Number of pages: 3

Pages: 72-74

Publication date: 2015

Peer-reviewed: Unknown

#### **Publication information**

Journal: Arkkitehti

Volume: 2015

Issue number: 2/2015

ISSN (Print): 0783-3660

Original language: Finnish  
Research output: Contribution to journal › Article › Professional

### **Kangasala-talo: Vanhan kulttuuripitäjän uusi kulttuuritalo**

#### **General information**

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: School of Architecture, Research group: History of Architecture  
Contributors: Koponen, O.  
Number of pages: 3  
Pages: 67-69  
Publication date: 2015  
Peer-reviewed: Unknown

#### **Publication information**

Journal: Arkkitehti  
Volume: 2015  
Issue number: 4/2015  
ISSN (Print): 0783-3660  
Original language: Finnish  
Research output: Contribution to journal › Article › Professional

### **Kehitysvammaisten asuminen uudistuu**

#### **General information**

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: School of Architecture  
Contributors: Helamaa, A.  
Number of pages: 3  
Pages: 4-6  
Publication date: 2014  
Peer-reviewed: Unknown

#### **Publication information**

Journal: Araviesti  
Issue number: 2  
ISSN (Print): 1457-8093  
Original language: Finnish  
URLs:  
<http://www.ara.fi>

#### **Bibliographical note**

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2014-12-30  
Source: researchoutputwizard  
Source ID: 446  
Research output: Contribution to journal › Article › Professional

### **Asumisen katselmus : Housing Fair by the Lakeside**

#### **General information**

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: School of Architecture  
Contributors: Lehtovuori, P.  
Number of pages: 3  
Pages: 79-81  
Publication date: 2014  
Peer-reviewed: Unknown

#### **Publication information**

Journal: Arkkitehti  
Issue number: 4

ISSN (Print): 0783-3660  
Original language: English

#### **Bibliographical note**

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2015-01-09  
Source: researchoutputwizard  
Source ID: 911  
Research output: Contribution to journal › Article › Professional

#### **Yhdessä**

#### **General information**

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: School of Architecture  
Contributors: Helamaa, A.  
Number of pages: 10  
Pages: 18-27  
Publication date: 2014  
Peer-reviewed: Unknown

#### **Publication information**

Journal: Arkkitehti  
Issue number: 4  
ISSN (Print): 0783-3660  
Original language: Finnish

#### **Bibliographical note**

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2014-12-30<br/>Publisher name: Suomen Arkkitehtiliitto  
Source: researchoutputwizard  
Source ID: 447  
Research output: Contribution to journal › Article › Professional

#### **Betonipinnan kolmas ulottuvuus : TTY:n Arkkitehtuurin laitoksen betonistudio 2013**

#### **General information**

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: School of Architecture  
Contributors: Pesonen, M.  
Number of pages: 6  
Pages: 72-77  
Publication date: 2014  
Peer-reviewed: Unknown

#### **Publication information**

Journal: Betoni  
Issue number: 2  
ISSN (Print): 1235-2136  
Original language: Finnish  
URLs:  
<http://www.betoni.com/betoni-lehti/arkisto>

#### **Bibliographical note**

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2014-12-30<br/>Publisher name: Betoniteollisuus ry  
Source: researchoutputwizard  
Source ID: 1269  
Research output: Contribution to journal › Article › Professional

#### **Huippupuhujia Arkkitehtuuriviikolla**

#### **General information**

Publication status: Published  
MoE publication type: D1 Article in a trade journal

Organisations: School of Architecture  
Contributors: Lehtovuori, P.  
Number of pages: 2  
Pages: 16-17  
Publication date: 2014  
Peer-reviewed: Unknown

#### **Publication information**

Journal: Arkkitehtiutiset  
Issue number: 11  
ISSN (Print): 0044-8915  
Original language: Finnish

#### **Bibliographical note**

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2014-12-30  
Source: researchoutputwizard  
Source ID: 912  
Research output: Contribution to journal › Article › Professional

### **Pientaloa parempi? Better than an individual small house?**

#### **General information**

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: School of Architecture  
Contributors: Kotilainen, S., Hedman, M.  
Pages: 48-51  
Publication date: 2014  
Peer-reviewed: Unknown

#### **Publication information**

Journal: Puu  
Issue number: 3  
Original language: Finnish  
URLs:  
<http://www.puuinfo.fi/sites/default/files/content/puulehti/puu-lehti-32014/puu314web.pdf>  
<http://www.puuinfo.fi/puulehti/puu-lehti-32014>

#### **Bibliographical note**

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2015-01-11  
Source: researchoutputwizard  
Source ID: 798  
Research output: Contribution to journal › Article › Professional

### **Arkkitehtuuri polttopisteessä**

#### **General information**

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: School of Architecture  
Contributors: Lehtovuori, P.  
Pages: 3-3  
Publication date: 2014  
Peer-reviewed: Unknown

#### **Publication information**

Journal: Arkkitehtiutiset  
Volume: 66  
Issue number: 10  
ISSN (Print): 0044-8915  
Original language: Finnish  
URLs:  
<http://au.safa.fi>



### **Bibliographical note**

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2015-01-10

Source: researchoutputwizard

Source ID: 910

Research output: Contribution to journal › Article › Professional

### **Vanhasta puusta uutta arkkitehtuuria / New architecture from old wood**

#### **General information**

Publication status: Published

MoE publication type: D1 Article in a trade journal

Organisations: School of Architecture, Research group: Built Environment in Transition

Contributors: Huuhka, S.

Number of pages: 1

Pages: 46-47

Publication date: 2014

Peer-reviewed: Unknown

#### **Publication information**

Journal: Puu

Issue number: 3

Original language: English

URLs:

<http://www.puuinfo.fi/sites/default/files/content/puulehti/puu-lehti-32014/puu314web.pdf>

<http://www.puuinfo.fi/puulehti/puu-lehti-32014>

### **Bibliographical note**

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2015-01-10

Source: researchoutputwizard

Source ID: 523

Research output: Contribution to journal › Article › Professional

### **City of Boulevards or City of Malls? Urban Transport Infrastructure Retrofits Are Urban Landscape in Helsinki and Tampere**

#### **General information**

Publication status: Published

MoE publication type: D1 Article in a trade journal

Organisations: School of Architecture

Contributors: Hämäläinen, T., Lehtovuori, P.

Pages: 36-41

Publication date: 2014

Peer-reviewed: Unknown

#### **Publication information**

Journal: Project Baltia, Archive

Issue number: 22

Original language: English

URLs:

<http://projectbaltia.com/archive-en/7056?lang=en>

### **Bibliographical note**

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2015-01-10

Source: researchoutputwizard

Source ID: 405

Research output: Contribution to journal › Article › Professional

### **Puu, tulevaisuuden materiaali**

#### **General information**

Publication status: Published

MoE publication type: D1 Article in a trade journal

Organisations: School of Architecture, Research group: Urban Laboratory

Contributors: Panu, A.

Number of pages: 2  
Pages: 14-15  
Publication date: 2014  
Peer-reviewed: Unknown

#### **Publication information**

Journal: Arkkitehtiutiset  
Issue number: 12  
ISSN (Print): 0044-8915  
Original language: Finnish  
Research output: Contribution to journal › Article › Professional

#### **Arkkitehtuurista kulttuurijournalismin kokeilukenttä**

##### **General information**

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: School of Architecture  
Contributors: Tuunanen, A.  
Number of pages: 2  
Pages: 16-17  
Publication date: 2013  
Peer-reviewed: Unknown

##### **Publication information**

Journal: Arkkitehtiutiset  
Issue number: 9  
ISSN (Print): 0044-8915  
Original language: Finnish

##### **Bibliographical note**

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2013-12-29  
Source: researchoutputwizard  
Source ID: 3593  
Research output: Contribution to journal › Article › Professional

#### **Liikennesunnittelun James Bond / The James Bond of traffic planning : Pentti Murole: Ihmistä ei voi suunnitella - kiveä voi! : Arkkitehtuuritoimisto B&M, 2012. 478 s**

##### **General information**

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: School of Architecture  
Contributors: Lehtovuori, P.  
Number of pages: 2  
Pages: 84-85  
Publication date: 2013  
Peer-reviewed: Unknown

##### **Publication information**

Journal: Arkkitehti  
Issue number: 1  
ISSN (Print): 0783-3660  
Original language: Finnish

##### **Bibliographical note**

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2013-12-29<br/>Publisher name: Suomen Arkkitehtiilitto  
Source: researchoutputwizard  
Source ID: 2760  
Research output: Contribution to journal › Article › Professional

#### **Näkökulma vanhaan vaihtuu : Towards transformation**

##### **General information**

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: School of Architecture  
Contributors: Koponen, O.  
Number of pages: 9  
Pages: 13-21  
Publication date: 2013  
Peer-reviewed: Unknown

#### **Publication information**

Journal: Arkkitehti  
Volume: 110  
Issue number: 3  
ISSN (Print): 0783-3660  
Original language: English

#### **Bibliographical note**

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2013-11-29<br/>Publisher name: Suomen Arkkitehtiiliitto  
Source: researchoutputwizard  
Source ID: 2601  
Research output: Contribution to journal › Article › Professional

### **Kolme tapaa korjata lähiökerrostalo : Three ways to renovate neighbourhood units**

#### **General information**

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: School of Architecture, Research group: Built Environment in Transition  
Contributors: Huuhka, S.  
Number of pages: 3  
Pages: 68-70  
Publication date: 2013  
Peer-reviewed: Unknown

#### **Publication information**

Journal: Arkkitehti  
Volume: 110  
Issue number: 3  
ISSN (Print): 0783-3660  
Original language: Finnish

#### **Bibliographical note**

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2013-10-29<br/>Publisher name: Suomen Arkkitehtiiliitto  
Source: researchoutputwizard  
Source ID: 2354  
Research output: Contribution to journal › Article › Professional

### **Artikkeli: Vehreällä ehdotuksella voittoon Hyvinkään ideakilpailussa**

#### **General information**

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: School of Architecture  
Contributors: Hynynen, A., Jalkanen, R., Jarva, A.  
Number of pages: 4  
Pages: 24-27  
Publication date: 2013  
Peer-reviewed: Unknown

#### **Publication information**

Journal: Arkkitehtiutiset  
Volume: 65  
Issue number: 1  
ISSN (Print): 0044-8915  
Original language: Finnish

### **Bibliographical note**

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2013-11-29

Source: researchoutputwizard

Source ID: 2360

Research output: Contribution to journal › Article › Professional

### **Kaupunkimaisuuden näkökulma**

#### **General information**

Publication status: Published

MoE publication type: D1 Article in a trade journal

Organisations: School of Architecture

Contributors: Lehtovuori, P.

Number of pages: 4

Pages: 46-49

Publication date: 2013

Peer-reviewed: Unknown

#### **Publication information**

Journal: Arkkitehti

Issue number: 6

ISSN (Print): 0783-3660

Original language: Finnish

### **Bibliographical note**

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2013-12-29<br/>Publisher name: Suomen Arkkitehtiiliitto

Source: researchoutputwizard

Source ID: 2758

Research output: Contribution to journal › Article › Professional

### **Panu Lehtovuori - professori teorian ja käytännön välissä**

#### **General information**

Publication status: Published

MoE publication type: D1 Article in a trade journal

Organisations: School of Architecture

Contributors: Chudoba, M.

Number of pages: 365

Pages: 7-9

Publication date: 2013

Peer-reviewed: Unknown

#### **Publication information**

Journal: Arkkitehti-uutiset

Volume: 65

Issue number: 3

ISSN (Print): 0044-8915

Original language: Finnish

### **Bibliographical note**

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2013-10-29

Source: researchoutputwizard

Source ID: 2046

Research output: Contribution to journal › Article › Professional

### **Tapaus Kummatti**

#### **General information**

Publication status: Published

MoE publication type: D1 Article in a trade journal

Organisations: School of Architecture

Contributors: Hagan, H.

Number of pages: 2

Pages: 71-72

Publication date: 2013  
Peer-reviewed: Unknown

#### Publication information

Journal: Arkkitehti  
Volume: 110  
Issue number: 3  
ISSN (Print): 0783-3660  
Original language: Finnish

#### Bibliographical note

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2013-10-29<br/>Publisher name: Suomen Arkkitehtiilitto  
Source: researchoutputwizard  
Source ID: 2215  
Research output: Contribution to journal › Article › Professional

### Yllättävää estetiikkaa betonista - TTY:n arkkitehtuurin laitoksen betonistudio 2012

#### General information

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: School of Architecture  
Contributors: Pesonen, M.  
Number of pages: 5  
Pages: 74-78  
Publication date: 2013  
Peer-reviewed: Unknown

#### Publication information

Journal: Betoni  
Volume: 82  
Issue number: 2  
ISSN (Print): 1235-2136  
Original language: Finnish

#### Bibliographical note

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2013-10-29<br/>Publisher name: Betoniteollisuus ry  
Source: researchoutputwizard  
Source ID: 3143  
Research output: Contribution to journal › Article › Professional

### Erityisiä asumisratkaisuja

#### General information

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: School of Architecture  
Contributors: Hedman, M., Sanaksenaho, P.  
Number of pages: 3  
Pages: 30-32  
Publication date: 2013  
Peer-reviewed: Unknown

#### Publication information

Journal: Arkkitehtiutiset  
Volume: 65  
Issue number: 4  
ISSN (Print): 0044-8915  
Original language: Finnish

#### Bibliographical note

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2013-10-29  
Source: researchoutputwizard  
Source ID: 2256  
Research output: Contribution to journal › Article › Professional

## Annikin puutalokortteli - uusi elämä asukasvetoisesti

### General information

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: School of Architecture  
Contributors: Helamaa, A.  
Number of pages: 4  
Pages: 32-35  
Publication date: 2013  
Peer-reviewed: Unknown

### Publication information

Journal: RY Rakennettu ympäristö  
Volume: 50  
Issue number: 1  
ISSN (Print): 1457-9510  
Original language: Finnish

### Bibliographical note

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2013-12-29<br/>Publisher name: Rakennustarkastusryhdistys RTY ry; Rakennustietosäätiö RTS  
Source: researchoutputwizard  
Source ID: 2283  
Research output: Contribution to journal › Article › Professional

## Arkkitehtuuria neurotieteiden valossa

### General information

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: School of Architecture  
Contributors: Tuunanen, A.  
Number of pages: 2  
Pages: 22-23  
Publication date: 2013  
Peer-reviewed: Unknown

### Publication information

Journal: Arkkitehtiutiset  
Volume: 65  
Issue number: 6-7  
ISSN (Print): 0044-8915  
Original language: Finnish

### Bibliographical note

Poistettu tupla r=4762<br/>Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2013-10-29<br/>Publisher name: Suomen Arkkitehtiliitto  
Source: researchoutputwizard  
Source ID: 3592  
Research output: Contribution to journal › Article › Professional

## deja-vu : Eric Adlercreutz, Nils-Hinrik Aschan - Motelli Marinen laajennus, Tammisaari 1972 : Marine Motel Extension, Tammisaari 1972

### General information

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: School of Architecture  
Contributors: Koponen, O.  
Pages: 82-83  
Publication date: 2012  
Peer-reviewed: Unknown

### Publication information

Journal: Arkkitehti  
Volume: 109  
Issue number: 5  
ISSN (Print): 0783-3660  
Original language: Finnish

### Bibliographical note

Contribution: organisation=ark aht,FACT1=1<br/>Publisher name: Suomen Arkkitehtiliitto  
Source: researchoutputwizard  
Source ID: 4524  
Research output: Contribution to journal › Article › Professional

## Arkkitehtuuriviikko innosti ammattilaisia ja maallikoita

### General information

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: School of Architecture  
Contributors: Chudoba, M.  
Pages: 14-14  
Publication date: 2012  
Peer-reviewed: Unknown

### Publication information

Journal: Arkkitehtiutiset  
Volume: 64  
Issue number: 9  
ISSN (Print): 0044-8915  
Original language: Finnish

### Bibliographical note

Contribution: organisation=ark ars,FACT1=1  
Source: researchoutputwizard  
Source ID: 3975  
Research output: Contribution to journal › Article › Professional

## Runollisen kaunis hybridirakennus voitti opiskelijakilpailun

### General information

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: School of Architecture  
Contributors: Tikka, H.  
Pages: 32-33  
Publication date: 2012  
Peer-reviewed: Unknown

### Publication information

Journal: Arkkitehtiutiset  
Volume: 64  
Issue number: 5  
ISSN (Print): 0044-8915  
Original language: Finnish

### Bibliographical note

Contribution: organisation=ark ars,FACT1=1  
Source: researchoutputwizard  
Source ID: 5428  
Research output: Contribution to journal › Article › Professional

## Betoni ei ole enää betonia... - TTY:narkkitehtuurin laitoksen betonistudio 2011

### General information

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: School of Architecture  
Contributors: Pesonen, M.  
Pages: 52-55  
Publication date: 2012  
Peer-reviewed: Unknown

#### **Publication information**

Journal: *Betoni*  
Volume: 82  
Issue number: 2  
ISSN (Print): 1235-2136  
Original language: Finnish  
URLs:  
[http://www.betoni.com/Download/23525/BET1202\\_52-55.pdf](http://www.betoni.com/Download/23525/BET1202_52-55.pdf)

#### **Bibliographical note**

Contribution: organisation=ark ars,FACT1=1  
Source: researchoutputwizard  
Source ID: 5058  
Research output: Contribution to journal › Article › Professional

### **Täydennysrakentamisen paradokseja. The paradoxes of infill building**

#### **General information**

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: School of Architecture  
Contributors: Joutsiniemi, A.  
Pages: 77-79  
Publication date: 2012  
Peer-reviewed: Unknown

#### **Publication information**

Journal: *Arkkitehti*  
Volume: 109  
Issue number: 4  
ISSN (Print): 0783-3660  
Original language: Finnish

#### **Bibliographical note**

Contribution: organisation=ark ays,FACT1=1  
Publisher name: Suomen Arkkitehtiiliitto  
Source: researchoutputwizard  
Source ID: 4363  
Research output: Contribution to journal › Article › Professional

### **"Talo on vain yksi kivi". "A House is just one stone"**

#### **General information**

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: School of Architecture  
Contributors: Lehtovuori, P.  
Pages: 74-76  
Publication date: 2012  
Peer-reviewed: Unknown

#### **Publication information**

Journal: *Arkkitehti*  
Volume: 109  
Issue number: 4  
ISSN (Print): 0783-3660  
Original language: Finnish



### **Bibliographical note**

Contribution: organisation=ark ays,FACT1=1<br/>Publisher name: Suomen Arkkitehtiilitto  
Source: researchoutputwizard  
Source ID: 4681  
Research output: Contribution to journal › Article › Professional

### **Maatiaiselämää Porvoonjokilaaksossa**

#### **General information**

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: School of Architecture  
Contributors: Saatsi, P.  
Number of pages: 6  
Pages: 4-9  
Publication date: 2012  
Peer-reviewed: Unknown

#### **Publication information**

Journal: Tuuma. Rakennusperinteen ystävien lehti  
Issue number: 3  
ISSN (Print): 1458-4174  
Original language: Finnish

### **Bibliographical note**

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2013-10-29  
Source: researchoutputwizard  
Source ID: 5242  
Research output: Contribution to journal › Article › Professional

### **Katsaus betonilähiöiden korjausrakentamiseen Ruotsissa**

#### **General information**

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: School of Architecture, Research group: Built Environment in Transition  
Contributors: Huuhka, S.  
Pages: 28-35  
Publication date: 2012  
Peer-reviewed: Unknown

#### **Publication information**

Journal: Betoni  
Volume: 82  
Issue number: 2  
ISSN (Print): 1235-2136  
Original language: Finnish  
URLs:  
[http://www.betoni.com/Download/23520/BET1202\\_28-35.pdf](http://www.betoni.com/Download/23520/BET1202_28-35.pdf)

### **Bibliographical note**

Contribution: organisation=ark ars,FACT1=1<br/>Publisher name: Suomen betonitieto  
Source: researchoutputwizard  
Source ID: 4272  
Research output: Contribution to journal › Article › Professional

### **Keskitehokas asuinrakentaminen - uudenlainen asuntorakentamisen konsepti**

#### **General information**

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: School of Architecture  
Contributors: Hedman, M.  
Pages: 22-24

Publication date: 2012  
Peer-reviewed: Unknown

#### Publication information

Journal: RY Rakennettu ympäristö  
Volume: 49  
Issue number: 1  
ISSN (Print): 1457-9510  
Original language: Finnish  
URLs:  
<http://www.rakennustieto.fi/lehdet/ry/index/lehti/69mn940KR.html>

#### Bibliographical note

Contribution: organisation=ark ars,FACT1=1<br/>Publisher name: Rakennustieto Oy; Rakennustarkasturyhdistys RTY ry; Rakennustietosäätiö RTS  
Source: researchoutputwizard  
Source ID: 4171  
Research output: Contribution to journal › Article › Professional

### Metabolismi herää unohduksesta. Metabolism awakens from oblivion

#### General information

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: School of Architecture  
Contributors: Katainen, J.  
Pages: 80-82  
Publication date: 2012  
Peer-reviewed: Unknown

#### Publication information

Journal: Arkkitehti  
Volume: 109  
Issue number: 4  
ISSN (Print): 0783-3660  
Original language: Finnish

#### Bibliographical note

Contribution: organisation=ark ars,FACT1=1<br/>Publisher name: Suomen Arkkitehtiliitto  
Source: researchoutputwizard  
Source ID: 4442  
Research output: Contribution to journal › Article › Professional

### Rakennusala kiertää kierrätystä kuin kissa kuumaa puuroa

#### General information

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: School of Architecture, Research group: Built Environment in Transition  
Contributors: Huuhka, S.  
Pages: 26-31  
Publication date: 2012  
Peer-reviewed: Unknown

#### Publication information

Journal: Ympäristö ja terveys  
Volume: 43  
Issue number: 8-9  
ISSN (Print): 0358-3333  
Original language: Finnish

#### Bibliographical note

Contribution: organisation=ark ars,FACT1=1<br/>Publisher name: Suomen Ympäristö- ja Terveysalan Kustannus Oy  
Source: researchoutputwizard  
Source ID: 4273

## Kansainvälisiä maisemia

### General information

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: School of Architecture  
Contributors: Kaituri, A.  
Pages: 48-48  
Publication date: 2011  
Peer-reviewed: Unknown

### Publication information

Journal: Arkkitehtiutiset  
Volume: 63  
Issue number: 2  
ISSN (Print): 0044-8915  
Original language: Finnish

### Bibliographical note

Contribution: organisation=ark ars,FACT1=1  
Source: researchoutputwizard  
Source ID: 6264  
Research output: Contribution to journal › Article › Professional

## TTY:n arkkitehtuurin laitoksen betonistudio 2010 ympäristöbetoni - Julkisen tilan betoniveistoksia

### General information

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: School of Architecture  
Contributors: Pesonen, M.  
Pages: 66-69  
Publication date: 2011  
Peer-reviewed: Unknown

### Publication information

Journal: Betoni  
Volume: 81  
Issue number: 1  
ISSN (Print): 1235-2136  
Original language: Finnish

### Bibliographical note

Contribution: organisation=ark ars,FACT1=1  
Source: researchoutputwizard  
Source ID: 7009  
Research output: Contribution to journal › Article › Professional

## Yhdyskuntarakenne muokkaa lasten ja nuorten liikkumista

### General information

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: School of Architecture  
Contributors: Broberg, A., Hynynen, A., Iltanen, S., Kyttä, M., Paronen, O.  
Pages: 10-17  
Publication date: 2011  
Peer-reviewed: Unknown

### Publication information

Journal: Liikunta ja Tiede  
Volume: 48

Issue number: 2-3  
ISSN (Print): 0358-7010  
Original language: Finnish

#### **Bibliographical note**

Contribution: organisation=ark ays,FACT1=1  
Source: researchoutputwizard  
Source ID: 5805  
Research output: Contribution to journal › Article › Professional

### **Arkkitehtuurin vaikutus pientalon energiatehokkuuteen. Talo Saunaranta ja 47 variaatiota**

#### **General information**

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: School of Architecture  
Contributors: Moisio, M.  
Pages: 32-35  
Publication date: 2011  
Peer-reviewed: Unknown

#### **Publication information**

Journal: RY Rakennettu ympäristö  
Issue number: 2/2011  
Original language: Finnish

#### **Bibliographical note**

Contribution: organisation=ark aht,FACT1=1  
Source: researchoutputwizard  
Source ID: 6816  
Research output: Contribution to journal › Article › Professional

### **Lähiössä piilee erityisiä voimavaroja**

#### **General information**

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: School of Architecture  
Contributors: Alatalo, E.  
Pages: 30-31  
Publication date: 2011  
Peer-reviewed: Unknown

#### **Publication information**

Journal: Asu ja rakenna  
Issue number: 5-6/2011  
ISSN (Print): 1237-0703  
Original language: Finnish

#### **Bibliographical note**

Contribution: organisation=ark ays,FACT1=1  
Source: researchoutputwizard  
Source ID: 5680  
Research output: Contribution to journal › Article › Professional

### **Tulevaisuuden toivojen torni. Opiskelija-asuintalo Ikituuri, Turku. Student Housing Ikituuri, Turku**

#### **General information**

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: School of Architecture  
Contributors: Helamaa, A.  
Pages: 55-56  
Publication date: 2011

Peer-reviewed: Unknown

#### **Publication information**

Journal: Arkkitehti  
Volume: 108  
Issue number: 4  
ISSN (Print): 0783-3660  
Original language: Finnish

#### **Bibliographical note**

Contribution: organisation=ark ars,FACT1=1  
Source: researchoutputwizard  
Source ID: 6070  
Research output: Contribution to journal › Article › Professional

#### **Ammatin status ja etiikka**

#### **General information**

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: School of Architecture  
Contributors: Luoma, J.  
Pages: 42-43  
Publication date: 2011  
Peer-reviewed: Unknown

#### **Publication information**

Journal: Arkkitehti uutiset  
Volume: 63  
Issue number: 8  
ISSN (Print): 0044-8915  
Original language: Finnish

#### **Bibliographical note**

Contribution: organisation=ark aht,FACT1=1  
Source: researchoutputwizard  
Source ID: 6670  
Research output: Contribution to journal › Article › Professional

#### **Kulosaaren yhteiskoulun pikkusali**

#### **General information**

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: School of Architecture  
Contributors: Saatsi, P.  
Pages: 18-19  
Publication date: 2011  
Peer-reviewed: Unknown

#### **Publication information**

Journal: Teräsrakenne  
Volume: 49  
Issue number: 3  
ISSN (Print): 0782-0941  
Original language: Finnish

#### **Bibliographical note**

Contribution: organisation=ark aht,FACT1=1  
Source: researchoutputwizard  
Source ID: 7171  
Research output: Contribution to journal › Article › Professional

## Kehdosta hautaan tuhannen rakennuksen kautta?

### General information

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: School of Architecture, Research group: Built Environment in Transition  
Contributors: Huuhka, S.  
Pages: 4-5  
Publication date: 2010  
Peer-reviewed: Unknown

### Publication information

Journal: Arkkitehtiopiskelija  
Issue number: I/2010  
ISSN (Print): 1795-5335  
Original language: Finnish

### Bibliographical note

Contribution: organisation=ark ars,FACT1=1  
Source: researchoutputwizard  
Source ID: 8131  
Research output: Contribution to journal › Article › Professional

## Anteckningar från ett färggrant Äppelträd (rapport från New York).

### General information

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: School of Architecture  
Contributors: Lodenius, S.  
Number of pages: 5  
Pages: 1-5  
Publication date: 2010  
Peer-reviewed: Unknown

### Publication information

Journal: Ny Tid  
Issue number: Helmikuu  
ISSN (Print): 1456-0518  
Original language: Swedish  
URLs:  
<http://www.nytid.fi/?s=lodenius+staffan>

### Bibliographical note

Contribution: organisation=ark ays,FACT1=1  
Source: researchoutputwizard  
Source ID: 8661  
Research output: Contribution to journal › Article › Professional

## Purkubetoni kierrätetään tienpohjiksi - tulevaisuudessa ehkä myös taloiksi;Demolished concrete reused in road base courses - maybe also in houses in future

### General information

Publication status: Published  
MoE publication type: D1 Article in a trade journal  
Organisations: School of Architecture, Research group: Built Environment in Transition  
Contributors: Huuhka, S.  
Pages: 50-55  
Publication date: 2010  
Peer-reviewed: Unknown

### Publication information

Journal: Betoni  
Issue number: 2/2010  
ISSN (Print): 1235-2136

Original language: English

URLs:

<http://www.betoni.com/download.aspx?intFileID=2240&intLinkedFromObjectID=11026>

#### **Bibliographical note**

Contribution: organisation=ark ays,FACT1=1

Source: researchoutputwizard

Source ID: 8132

Research output: Contribution to journal › Article › Professional

#### **Parametrit vastaan kulttuuriset merkitykset**

##### **General information**

Publication status: Published

MoE publication type: D1 Article in a trade journal

Organisations: School of Architecture

Contributors: Passinmäki, P.

Pages: 60-64

Publication date: 2010

Peer-reviewed: Unknown

##### **Publication information**

Journal: Arkkitehti

Issue number: 1

ISSN (Print): 0783-3660

Original language: Finnish

##### **Bibliographical note**

Contribution: organisation=ark aht,FACT1=1  
Publisher name: Suomen Arkkitehtiiliitto

Source: researchoutputwizard

Source ID: 8948

Research output: Contribution to journal › Article › Professional

#### **Korjausrakentamisen esimerkkejä Saksassa**

##### **General information**

Publication status: Published

MoE publication type: D1 Article in a trade journal

Organisations: School of Architecture, Research group: Built Environment in Transition

Contributors: Huuhka, S.

Pages: 44-49

Publication date: 2009

Peer-reviewed: Unknown

##### **Publication information**

Journal: Betoni

Issue number: 4

ISSN (Print): 1235-2136

Original language: Finnish

##### **Bibliographical note**

Contribution: organisation=ark ays,FACT1=1

Source: researchoutputwizard

Source ID: 10211

Research output: Contribution to journal › Article › Professional

#### **Urbanismi voimavarana. Kaupungistumisen näkymiä provinssissa.**

Kaupungistuminen on maailmanlaajuinen vahva megatrendi, joka liitetään ilmiönä useimmiten suurkaupunkeihin. Helposti unohtuu urbanisaation hennempi prosessi, joka muokkaa pienempiä kaupunkeja ja yhdyskuntia sekä näitä ympäröivää maaseutua. Vaikka tämän tyyppinen muutos ei ole määrällisesti tarkasteltuna yhtä kiinnostava, se avaa tärkeitä näkökulmia yhdyskuntien laadulliseen muutokseen ja sen hallintaan.

Biotalous ja digitalisaatio ovat esimerkkejä vahvistuvista muutosajureista. Ne tulevat muokkaamaan kaupunkielämää, -taloutta, -tilaa ja -rakennetta tavoilla, joita tunnemme toistaiseksi huonosti. On myös mahdollista, että keskittyminen suurille kaupunkiseuduille laukaisee vastaliikkeen, jossa arvostetaan puhtautta, hiljaisuutta ja turvallisuutta. Tällaisia

laatuja haetaan yleensä pienemmistä yhdyskunnista.

Tarkastelemme Etelä-Pohjanmaan yhdyskuntakehityksen muutosnäkyymiä eri mittakaavoissa. Alavudella on mahdollisuuksia omaperäiseen pikkukaupunkiurbanismiin, jota tarvitaan vastapainoksi kaupan ja liikenteen aiheuttamille yhdyskuntarakenteen muutoksille. Suomalaisittain keskikokoinen Seinäjoki pyrkii isojen keskusten joukkoon kaupunkistrategialla, joka konkretisoituu kunnianhimoisina keskustaudistuksina. Tulevaisuudessa maaseutu ja kaupunki voidaan limittää myös monitasoisesti, tavalla, joka rikastaa "Ruokaprovinsin" pääkaupunkiseutua aivan uusilla laatumääreillä.

Urbanisaatiotrendien, paikallisen potentiaalin ja yllättävien kehityskulkujen yhdistelmä on vaikea pala yhdyskuntasuunnittelulle. Valmiin lopputilanteen sijaan suunnittelussa on kyettävä määrittämään sopivan väljät kehykset, joissa halutut laatekijät voivat toteutua. Tätä voi nimittää vaikkapa robustiksi suunnitteluksi.

#### **General information**

Publication status: Published

MoE publication type: D2 Article in professional manuals or guides or professional information systems or text book material

Organisations: Architecture, Research group: Urban Laboratory, Research group: Urban Planning and Design

Contributors: Hynynen, A., Rantanen, A.

Pages: 51-64

Publication date: 19 Aug 2019

#### **Host publication information**

Title of host publication: Tehtävä Etelä-Pohjanmaalla!

Publisher: Etelä-Pohjanmaan liitto

Editors: Riukulehto, S., Harjunpää, N.

ISBN (Print): 978-951-766-375-5

ISBN (Electronic): 978-951-766-376-2

#### **Publication series**

Name: Kytösavut

Publisher: Etelä-Pohjanmaan liitto

Volume: XX

ISSN (Electronic): 0788-1223

URLs:

[https://epliitto.fi/images/D\\_5\\_Tehtava\\_Etela-Pohjanmaalla.pdf](https://epliitto.fi/images/D_5_Tehtava_Etela-Pohjanmaalla.pdf)

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Professional

### **Sustainability and our professional environment - design validation and collaboration to create relevant architecture**

#### **General information**

Publication status: Published

MoE publication type: D2 Article in professional manuals or guides or professional information systems or text book material

Organisations: Architecture, University of Sheffield

Contributors: Pelsmakers, S., Hoggard, A.

Number of pages: 2

Publication date: 2019

#### **Host publication information**

Title of host publication: in Jones, A., Hyde, R., "Defining Contemporary Professionalism - for architects in practice and education"

Publisher: RIBA Publishing

ISBN (Print): 9781859468470

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Professional

### **User-Centered Urban Housing: Reflections on Architect's Role**

#### **General information**

Publication status: Published

MoE publication type: D2 Article in professional manuals or guides or professional information systems or text book material

Organisations: Architecture

Contributors: Saarimaa, S.

Publication date: 30 Aug 2018



### Host publication information

Title of host publication: 14th International Alvar Aalto Symposium publication : New housing solutions for cities in change  
Volume: 2018  
Place of publication: Jyväskylä  
Publisher: Alvar Aalto Foundation  
ISBN (Print): 978-952-5498-57-8  
Research output: Chapter in Book/Report/Conference proceeding › Chapter › Professional

### An architect's perspective

#### General information

Publication status: Published  
MoE publication type: D2 Article in professional manuals or guides or professional information systems or text book material  
Organisations: Architecture, Research group: Urban Planning and Design  
Contributors: Poutanen, J.  
Number of pages: 15  
Pages: 48-62  
Publication date: 2018

### Host publication information

Title of host publication: Exploring informal learning space in the university : A collaborative approach  
Place of publication: London, New York  
Publisher: Routledge  
Editors: Walton, G., Matthews, G.  
Article number: 4  
ISBN (Print): 978-1-4724-8261-7  
ISBN (Electronic): 978-1-315-58165-1  
ASJC Scopus subject areas: Education  
Keywords: Built environment, Planning, Architecture, Professional Practice  
URLs:  
<https://www.routledge.com/Exploring-Informal-Learning-Space-in-the-University-A-Collaborative-Approach/Walton-Matthews/p/book/9781472482617>  
Research output: Chapter in Book/Report/Conference proceeding › Chapter › Professional

### Resurssitehokkuuden kaupunkirakenteellisia ulottuvuuksia

#### General information

Publication status: Published  
MoE publication type: D2 Article in professional manuals or guides or professional information systems or text book material  
Organisations: Architecture  
Contributors: Rantanen, A.  
Number of pages: 14  
Pages: 18-31  
Publication date: 27 Sep 2017

### Host publication information

Title of host publication: Kaupunkirakenteen kokonaisvaltainen resurssitehokkuus  
Volume: 2017  
Publisher: Valtioneuvoston kanslia  
Editors: Lehtovuori, P., Vanhatalo, J., Rantanen, A., Viri, R.  
Edition: 65  
ISBN (Print): 978-952-287-451-1  
ISBN (Electronic): 978-952-287-450-4

### Publication series

Name: Valtioneuvoston selvitys- ja tutkimustoiminnan julkaisusarja  
ISSN (Electronic): 2342-6799  
URLs:  
[http://tietokayttoon.fi/documents/10616/3866814/65\\_WHOLE-loppuraportti-20092017+%282%29.pdf/210de171-d6bf-4405-a2d4-cfa262fbd522?version=1.0](http://tietokayttoon.fi/documents/10616/3866814/65_WHOLE-loppuraportti-20092017+%282%29.pdf/210de171-d6bf-4405-a2d4-cfa262fbd522?version=1.0)  
Research output: Chapter in Book/Report/Conference proceeding › Chapter › Professional

## **Status and possibilities of timber construction in Finland**

Status and possibilities of timber construction in Finland

### **General information**

Publication status: Published

MoE publication type: D2 Article in professional manuals or guides or professional information systems or text book material

Organisations: Architecture, Research group: Built Environment in Transition

Contributors: Karjalainen, M.

Number of pages: 5

Pages: 35-39

Publication date: 15 May 2017

### **Host publication information**

Title of host publication: Wood-based bioeconomy solving global challenges

Volume: MEAE 2/2017

Place of publication: Helsinki

Publisher: Ministry of Economic Affairs and Employment of Finland

Editor: Lilja, K.

ISBN (Print): 978-952-327-214-9

ISBN (Electronic): 978-952-327-215-6

### **Publication series**

Name: MEAE guidelines and other publications

Publisher: Ministry of Economic Affairs and Employment of Finland

ISSN (Print): 2342-7914

ISSN (Electronic): 2342-7922

URLs:

<https://tem.fi/documents/1410877/2937056/Status+and+possibilities+of+wood+construction+in+Finland>

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Professional

## **Tempon talo: Tempo House**

### **General information**

Publication status: Published

MoE publication type: D2 Article in professional manuals or guides or professional information systems or text book material

Organisations: Architecture, Research group: Architecture: History and Theory

Contributors: Koponen, O.

Number of pages: 2

Pages: 42-43

Publication date: 2017

### **Host publication information**

Title of host publication: Docomomo Suomi / Docomomo Finland : Kohdevalikoima / Register Selection

Publisher: Docomomo Suomi Finland ry

ISBN (Print): 978-952-93-9792-6

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Professional

## **Kalevan kirkko / Kaleva Church**

### **General information**

Publication status: Published

MoE publication type: D2 Article in professional manuals or guides or professional information systems or text book material

Organisations: Architecture, Research group: Architecture: History and Theory

Contributors: Koponen, O.

Number of pages: 2

Pages: 168-169

Publication date: 2017

### **Host publication information**

Title of host publication: Docomomo Suomi / Docomomo Finland : Kohdeluettelo / Register Selection

Publisher: Docomomo Suomi Finland ry  
ISBN (Print): 978-952-93-9292-6  
Research output: Chapter in Book/Report/Conference proceeding › Chapter › Professional

## Mikä estää joustavan asuntorakentamisen?

### General information

Publication status: Published  
MoE publication type: D2 Article in professional manuals or guides or professional information systems or text book material  
Organisations: School of Architecture, Research group: ASUTUT  
Contributors: Kotilainen, S., Hedman, M.  
Number of pages: 3  
Pages: 17-19  
Publication date: 9 Sep 2015

### Host publication information

Title of host publication: ARA-viesti 2/2015  
Publisher: The Housing Finance and Development Centre of Finland (ARA)  
Electronic versions:

Mika\_estaa\_joustavan\_asuntorakentamisen

URLs:

<http://www.ara.fi/fi->

[FI/ARAtietopankki/ARAviesti/ARAviestin\\_verkkoartikkelit/Mika\\_estaa\\_joustavan\\_asuntorakentamisen\(35611\)](http://www.ara.fi/fi-)

<http://urn.fi/URN:NBN:fi:ty-201705171413>

URLs:

<http://www.ara.fi/fi->

[FI/ARAtietopankki/ARAviesti/ARAviestin\\_verkkoartikkelit/Mika\\_estaa\\_joustavan\\_asuntorakentamisen%2835611%29](http://www.ara.fi/fi-)

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Professional

## Matkalla joustaviin asuinympäristöihin

### General information

Publication status: Published  
MoE publication type: D2 Article in professional manuals or guides or professional information systems or text book material  
Organisations: School of Architecture, Research group: ASUTUT  
Contributors: Kotilainen, S.  
Number of pages: 4  
Pages: 10-13  
Publication date: 31 Mar 2015

### Host publication information

Title of host publication: Joustavat asuinympäristöt : 10 visiota aikaa kestävään kaupunkiasumiseen

Volume: 16

Place of publication: Tampere

Publisher: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos

Article number: 1

ISBN (Print): 978-952-15-3476-8

ISBN (Electronic): 978-952-15-3477-5

### Publication series

Name: Housing Design

Publisher: Tampere University of Technology. School of Architecture.

Volume: 16

URLs:

<http://URN.fi/URN:ISBN:978-952-15-3477-5>

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Professional

## Uudet arkkitehtoniset ratkaisumallit muuttavat kampuksien ilmettä

Uudet pedagogiset oivallukset sekä tekniset innovaatiot ovat radikaalisti muokanneet yliopisto-oppimista, mikä asettaa merkittäviä kehitystarpeita myös oppimistiloille. Uudenlaiset oppimistavat vaativat uudenlaisia tiloja ja paikkoja, jotka tukevat oppimista parhaalla mahdollisella tavalla. Artikkelissa pohditaan kuinka kampuksia voidaan elävöittää

arkkitehtuurin keinoin? Miten eri mittakaavalliset ratkaisut tukevat oppimista, vuorovaikutusta sekä luovuutta?

Kampusten uudistamista voidaan tarkastella erilaisista tilallisista ja arkkitehtonisista näkökulmista. Tässä artikkelissa esitetään kolmen tarkastelutason ideoita kampus-, rakennus- ja tilamittakaavoissa. Kokonaisvaltaiset ratkaisut, joissa rakennuksen tilat ja toiminta uudistuvat täysin, omaavat valtavan potentiaalin muuttaa ihmisten välistä vuorovaikutusta sekä tilojen käyttöä. Tällaiset ratkaisut saattavat olla kuitenkin kalliita ja hitaita toteuttaa. Pienemmän mittakaavan ratkaisut vaikuttavat pienemmällä alueella, mutta ovat toteutukseltaan edullisempia ja nopeampia. Esimerkiksi kampusten vajaakäyttöisten tilojen, kuten käytävien ja aulatilojen ottaminen hyötykäyttöön voisi tehostaa merkittävästi kampusten tilarakennetta. Täysin uusien toimintojen sijoittaminen näihin vajaakäyttöisiin tiloihin voisi lisäksi luoda kampuksista eläviä urbaaneja ympäristöjä, joissa on toimintaa vuorokauden ympäri. Olemassa olevat rakennukset voivat täten toimia alustoina uusille arkkitehtonisille ratkaisuille, jotka viestivät opetuksen ja tutkimuksen ajankohtaisuudesta. Tutkimuksen tuloksia voidaan soveltaa joustavasti erilaisten kampusympäristöjen muutosten suunnittelussa. Artikkelit toimii keskustelun avauksena suunnittelijoiden, kampuskehittäjien sekä käyttäjien välisessä vuoropuhelussa. Esitetyt ratkaisumallit paljastavat, että olemassa olevissa kampuksissa ja niiden tilarakenteessa on paljon kehityspotentiaalia. Artikkelissa esitetyt visiot herättelevät lukijoita katsomaan olemassa olevia kampuksia uudesta näkökulmasta uusien innovatiivisten esimerkkien ja tilaratkaisujen kautta.

### General information

Publication status: Published

MoE publication type: D2 Article in professional manuals or guides or professional information systems or text book material

Organisations: School of Architecture, Research group: Public Buildings

Contributors: Poutanen, J., Peltoniemi, S., Pihlajarinne, N.

Number of pages: 22

Pages: 72-93

Publication date: Mar 2015

### Host publication information

Title of host publication: Oppiva kampus : How to co-create campus?

Place of publication: Tampere

Publisher: Suomen Yliopistokiinteistöt Oy

Editors: Nenonen, S., Kärnä, S., Junnonen, J., Tähtinen, S., Sandström, N.

ISBN (Print): 978-952-15-3478-2

ISBN (Electronic): 978-952-15-3479-9

URLs:

[http://sykoy.fi/wp-content/uploads/oppiva-kampus\\_valmis\\_pieni.pdf](http://sykoy.fi/wp-content/uploads/oppiva-kampus_valmis_pieni.pdf)

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Professional

### Laboratorioiden yhteiskäyttö yliopistokampuksilla

Tässä artikkelissa kuvataan, miten laboratorioiden yhteiskäyttöisyyttä

on menestyksekkäästi sovellettu biolääketieteellisellä yliopistokampuksella 1990-luvulta lähtien ja miten yhteiskäyttöisyys on vaikuttanut tilaratkaisuihin eri mittakaavoissa. Artikkelissa esitellään core-laboratorion malli ratkaisuna yhteiskäyttöisyyden haasteisiin. Core-laboratorion tarkoituksena on tarjota tiettyjä erikoispalveluita, joita tutkija voi hyödyntää tutkimukseensa parhaiten soveltuvalta tavalla. Tämän lisäksi yhteiskäyttöisiä resursseja kehitetään paikallisella tasolla. Pienemmät, paikallisen tason core-laboratoriot palvelevat alan tutkimusta alueellisesti kampuksen, rakennuksen tai huoneistojen mittakaavassa.

Tapaustutkimuksen tulokset osoittavat, että laboratorioiden yhteiskäyttöisyydessä on paljon potentiaalia tutkijoiden tietotaidon vaihdon, yhteisöllisyyden kehittämisen ja kustannustehokkaan toiminnan näkökulmista. Henkilöstön rekrytoinnin ja sitoutuneisuuden näkökulmista voidaan nähdä, että parhaat laboratoriot houkuttelevat parhaita tutkijoita.

Globalisaation myötä kilpailu huippuosaajista

vaikuttaa kiihtyvän ja kansainvälinen kilpailu on jatkuvasti käynnissä. Pienelle maalle kuten Suomi, yhteiskäyttöisyyden ja jaettujen resurssien toimintamalli tarjoaa mahdollisuuden kehittää ja ylläpitää state-of-art -laboratorioympäristöjä.

### General information

Publication status: Published

MoE publication type: D2 Article in professional manuals or guides or professional information systems or text book material

Organisations: School of Architecture, Research group: Public Buildings

Contributors: Yläoutinen, J., Peltoniemi, S.

Number of pages: 10

Pages: 350-359

Publication date: Mar 2015

### Host publication information

Title of host publication: Oppiva kampus : How to co-create campus?

Place of publication: Tampere

Publisher: Suomen Yliopistokiinteistöt Oy  
Editors: Nenonen, S., Kärnä, S., Junnonen, J., Tähtinen, S., Sandström, N.  
ISBN (Print): 978-952-15-3478-2  
ISBN (Electronic): 978-952-15-3479-9  
URLs:  
[http://sykoy.fi/wp-content/uploads/oppiva-kampus\\_valmis\\_pieni.pdf](http://sykoy.fi/wp-content/uploads/oppiva-kampus_valmis_pieni.pdf)

### **Bibliographical note**

EXT="Yläoutinen, Jyrki"

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Professional

### **Novel architectural solutions change campus design**

The change in the learning paradigm from transmission of information to an active learning model is evident in higher education, too. From solitary to group work, from virtual to learning by doing, all means and methods are possible. Like a lively city, so do our campus premises need to support a greater variety of spaces, as learning is becoming more and more diverse. How does architecture, in different scales and different solutions, enliven the existing university campus? From holistic to small surgical operations, architectural solutions are presented on three different scales; campus, building, and group of space. Pervasive solutions, in which the whole layout is drastically changed, possess potential in changing essentially human interaction and how the building is used. However, these solutions are slow and expensive to execute. Then again, targeted learning space solutions, created, for example, in an area of formerly supporting spaces, are less expensive but have an impact only in the vicinity or for a certain group of users. The existing premises of campuses possess a huge potential to be turned into vivid urban centers that support learning and research of the future. Hence, the existing buildings can be seen as platforms for novel architectural solutions, and stages to present universities state-of-the-art education and research. The outcomes of the research can be applied in different design stages and scales of campus environments. The article aims at evoking readers to ponder on novel and innovative solutions that could be used in campus development, and can be seen as a conversation opener for designers, campus developers and users. The visions presented in this article inspire readers to look upon campuses from a new perspective through innovative examples and spatial solutions.

### **General information**

Publication status: Published

MoE publication type: D2 Article in professional manuals or guides or professional information systems or text book material

Organisations: School of Architecture, Research group: Public Buildings

Contributors: Poutanen, J., Peltoniemi, S., Pihlajarinne, N.

Number of pages: 22

Pages: 60-81

Publication date: 2015

### **Host publication information**

Title of host publication: How to co-create campus?

Place of publication: Tampere

Publisher: Suomen Yliopistokiinteistöt Oy

Editors: Nenonen, S., Kärnä, S., Junnonen, J., Tähtinen, S., Sandström, N., Airo, K., Niemi, O.

ISBN (Print): 978-952-15-3492-8

ISBN (Electronic): 978-952-15-3493-5

URLs:

[http://sykoy.fi/wp-content/uploads/co-create\\_english.pdf](http://sykoy.fi/wp-content/uploads/co-create_english.pdf)

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Professional

### **What makes a Place? Claiming Spaces for Informal and Social Learning**

How to redesign an under-used secondary space into a lively social and informal learning space? Here, three case studies are compared to shed light on what spatial elements create a Place for learning. At many university premises informal learning spaces are often limited to libraries and social interactions to cafés. However, secondary spaces, such as halls

and corridors, which are located in popular areas on campuses, have great potential when redesigned into novel social and informal learning spaces, which increases the efficiency of the spaces, too. The cases differ in design and development manners: two novel learning spaces created in a lobby, a renovation of a campus café and co-created learning spaces in an academic library. The cases offer practical implications and elements on how to create new learning spaces successfully. Common for all these cases is the positive feedback produced by a pleasant, uplifted environment. These realized cases suggest that relatively small, acupuncture-like changes to existing spaces can create a relatively big impact.

#### **General information**

Publication status: Published

MoE publication type: D2 Article in professional manuals or guides or professional information systems or text book material

Organisations: Research group: Public Buildings, School of Architecture

Contributors: Poutanen, J.

Number of pages: 18

Pages: 248-265

Publication date: 2015

#### **Host publication information**

Title of host publication: How to Co-Create Campus?

Place of publication: Tampere

Publisher: Suomen Yliopistokiinteistöt Oy

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ISBN (Electronic): 978-952-15-3493-5

URLs:

[http://sykoy.fi/wp-content/uploads/co-create\\_english.pdf](http://sykoy.fi/wp-content/uploads/co-create_english.pdf)

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Professional

### **Puurakentamisesta potkua alueiden ja kaupunkien kehittämiseen**

#### **General information**

Publication status: Published

MoE publication type: D2 Article in professional manuals or guides or professional information systems or text book material

Organisations: School of Architecture, Research group: Urban Laboratory

Contributors: Hynynen, A.

Number of pages: 19

Pages: 75-93

Publication date: 2015

#### **Host publication information**

Title of host publication: Puu-Hubi. : Perinteestä uusiin innovaatioihin

Publisher: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos

Editors: Hynynen, A., Panu, A., Taanila, T.

ISBN (Print): 978-952-15-3497-3

ISBN (Electronic): 978-952-15-3498-0

URLs:

<http://URN.fi/URN:ISBN:978-952-15-3498-0>

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Professional

### **Uusia tuulia Euroopasta**

#### **General information**

Publication status: Published

MoE publication type: D2 Article in professional manuals or guides or professional information systems or text book material

Organisations: School of Architecture, Research group: Built Environment in Transition, Research group: Urban Planning Theory

Contributors: Lehtovuori, P.

Number of pages: 18

Pages: 42-59

Publication date: 2015

#### **Host publication information**

Title of host publication: Asukkaan ehdoilla : moninaisuutta asumamuotoihin

Place of publication: Helsinki  
Publisher: Rakennustieto Oy  
ISBN (Print): 978-952-267-100-4  
URLs:

<https://www.rakennustietokauppa.fi/asukkaan-ehdoilla-moninaisuutta-asumamuotoihin-/112609/dp?nosto=recommended>  
Research output: Chapter in Book/Report/Conference proceeding › Chapter › Professional

## **Tammerkoski ja Hämeenkatu Tampereen arkkitehtonisen identiteetin ankkureina**

### **General information**

Publication status: Published  
MoE publication type: D2 Article in professional manuals or guides or professional information systems or text book material  
Organisations: School of Architecture  
Contributors: Koponen, O.  
Number of pages: 8  
Pages: 35-42  
Publication date: 2015

### **Host publication information**

Title of host publication: Tampereen tarina : Teollisuuden synnyttämä kaupunki harjujen ja järvien solmukohdassa  
Volume: Julkaisuja 5/2015  
Place of publication: Kaupunkiympäristön kehittäminen  
Publisher: Tampereen kaupunki  
Editor: Hautamäki, R.  
ISBN (Print): 978-951-609-783-4

### **Publication series**

Name: Tampereen kaupunki/Kaupunkiympäristön kehittäminen  
Publisher: Tampereen kaupunki  
Volume: 5/2015  
ISSN (Print): 1797-321X  
URLs:

[http://www.tampere.fi/liitteet/t/bV6J59ALc/Tampereen\\_tarina.pdf](http://www.tampere.fi/liitteet/t/bV6J59ALc/Tampereen_tarina.pdf)  
Research output: Chapter in Book/Report/Conference proceeding › Chapter › Professional

## **Cohousing in Finland**

### **General information**

Publication status: Published  
MoE publication type: D2 Article in professional manuals or guides or professional information systems or text book material  
Organisations: School of Architecture, Research group: ASUTUT  
Contributors: Helamaa, A.  
Pages: 112-117  
Publication date: 2015

### **Host publication information**

Title of host publication: Europe Co-operative Housing  
Place of publication: Berlin  
Publisher: Jovis  
Editor: Wohnbund e.V  
ISBN (Print): 978-3-86859-406-5  
Research output: Chapter in Book/Report/Conference proceeding › Chapter › Professional

## **Yhteisöllisyyden siemeniä ilmassa, asiantuntijahaastattelu teokseen**

### **General information**

Publication status: Published  
MoE publication type: D2 Article in professional manuals or guides or professional information systems or text book material  
Organisations: School of Architecture  
Contributors: Helamaa, A.  
Number of pages: 7

Pages: 97-103  
Publication date: 2013

#### Host publication information

Title of host publication: Tervetuloa tuelevaisuuden kotiin! - Tutkimustuloksia ja näkemyksiä asumisen tulevaisuudesta  
Publisher: Research Oy  
Editors: Karppinen, H., Paloheimo-Koskipää, L.  
ISBN (Print): 978-952-93-2351-7  
ISBN (Electronic): 978-952-93-2352-4

#### Bibliographical note

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2013-12-29  
Source: researchoutputwizard  
Source ID: 2287  
Research output: Chapter in Book/Report/Conference proceeding › Chapter › Professional

### Nykykaupunki ja suunnittelun projektiharha

#### General information

Publication status: Published  
MoE publication type: D2 Article in professional manuals or guides or professional information systems or text book material  
Organisations: School of Architecture  
Contributors: Joutsiniemi, A.  
Number of pages: 24  
Pages: 80-103  
Publication date: 2010

#### Host publication information

Title of host publication: APOLI 2010 Helsingin arkkitehtuuripoliittinen ohjelma 2010  
Editors: Jääskeläinen, L., Jaskanen, L., Saarholma, M., Viertiö, S.  
ISBN (Print): 978-952-223-730-9  
URLs:  
<http://tinyurl.com/2wbvrvu>

#### Bibliographical note

Contribution: organisation=ark ays,FACT1=1  
Source: researchoutputwizard  
Source ID: 8230  
Research output: Chapter in Book/Report/Conference proceeding › Chapter › Professional

### Studio-Talk - Pietilän suunnittelupuheen jäljillä

#### General information

Publication status: Published  
MoE publication type: D2 Article in professional manuals or guides or professional information systems or text book material  
Organisations: School of Architecture  
Contributors: Passinmäki, P.  
Pages: 58-63  
Publication date: 2007

#### Host publication information

Title of host publication: Polkuja Pietilän maastoon. Taiteentutkija  
Place of publication: Helsinki  
Publisher: Rakennustaiteen seura, Taidehistorian seura  
Editors: Niskanen, A., Jetsonen, S., Lindh, T.  
ISBN (Print): 978-951-98331-4-9  
URLs:  
<http://www.rakennustaiteenseura.fi/taiteentutkija/>

#### Bibliographical note

Contribution: organisation=ark aht,FACT1=1  
Source: researchoutputwizard  
Source ID: 8949



### **User-centered urban housing: Reflections on the architect's role**

#### **General information**

Publication status: Published  
MoE publication type: D3 Professional conference proceedings  
Organisations: Architecture, Research group: ASUTUT  
Contributors: Saarimaa, S.  
Publication date: 30 Aug 2018

#### **Host publication information**

Title of host publication: The 14th International Alvar Aalto Symposium Publication  
Publisher: Alvar Aalto Foundation  
ISBN (Print): 978-952-5498-57-8  
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Professional

### **Diversity scales for integrated housing in the multicultural city**

"We have to deconstruct both 'the public interest' and 'community', recognizing that each tends to exclude difference. We must acknowledge that there are multiple publics and that planning in this new multicultural arena, requires a new kind of multicultural literacy" (Sandercock 1998, 30).

#### **General information**

Publication status: Published  
MoE publication type: D3 Professional conference proceedings  
Organisations: Architecture  
Contributors: Maununaho, K.  
Number of pages: 4  
Pages: 104-107  
Publication date: 30 Aug 2018

#### **Host publication information**

Title of host publication: Alvar Aalto Symposium : 14th International Alvar Aalto Symposium New housing solutions for cities in change  
Publisher: Alvar Aalto Foundation  
ISBN (Print): 978-952-5498-57-8  
URLs:  
[https://issuu.com/alvaraaltopublications/docs/alvar\\_aalto\\_symposium\\_2018](https://issuu.com/alvaraaltopublications/docs/alvar_aalto_symposium_2018)  
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Professional

### **A cookbook for agile housing**

#### **General information**

Publication status: Published  
MoE publication type: D3 Professional conference proceedings  
Organisations: Architecture, Research group: ASUTUT  
Contributors: Tarpio, J.  
Number of pages: 4  
Pages: 88-91  
Publication date: Aug 2018

#### **Host publication information**

Title of host publication: Alvar Aalto Symposium. : 14th international Alvar Aalto Symposium. 30–31 August 2018 Jyväskylä Finland.  
Publisher: Alvar Aalto Foundation  
ISBN (Print): 978-952-5498-57-8  
Keywords: housing, housing design  
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Professional

### **Multistorey timber apartment buildings are becoming common in forested Finland - Results of resident surveys point the way to the future of multistorey timber apartment buildings.**

#### **General information**

Publication status: Published  
MoE publication type: D3 Professional conference proceedings  
Organisations: Architecture, Research group: Built Environment in Transition  
Contributors: Karjalainen, M.  
Number of pages: 3  
Pages: 415-417  
Publication date: 2017

#### Host publication information

Title of host publication: Proceedings of 5th Annual international Conference on Architecture and Civile Engineering (ACE 2017) : May 8-9, 2017, Singapore  
Place of publication: Singapore  
Publisher: Global Science & Technology Forum (GSTF)  
Article number: 23

#### Publication series

Name: Proceedings of 5th annual International Conference on Architecture and Civil Engineering  
Publisher: Global Science & Technology Forum (GSTF)  
ISSN (Print): 2301-394X  
ISSN (Electronic): 2301-3958  
DOIs:  
10.5176/2301-394X\_ACE17.23  
URLs:

<http://ace-conference.org/>

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Professional

### Arkkitehtuurin ja tilasuunnittelun vaikutus rakennuksen energiatehokkuuteen

#### General information

Publication status: Published  
MoE publication type: D3 Professional conference proceedings  
Organisations: Architecture, Research group: ASUTUT, Tampere University of Applied Sciences (TAMK)  
Contributors: Moisio, M., Lindberg, T., Kaasalainen, T., Mäkinen, A.  
Number of pages: 6  
Pages: 331-336  
Publication date: 2017

#### Host publication information

Title of host publication: Rakennusfysiikka 2017 : Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut, 24-26.10.2017, Tampere  
Place of publication: Tampere  
Publisher: Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka  
Editors: Vinha, J., Kivioja, H.  
ISBN (Electronic): 978-952-15-4022-6  
URLs:

[http://www.tut.fi/cs/groups/public\\_news/@l102/@web/@p/documents/liit/x229155.pdf](http://www.tut.fi/cs/groups/public_news/@l102/@web/@p/documents/liit/x229155.pdf)

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Professional

### Visiting the world heritage town of old Rauma, Finland

#### General information

Publication status: Published  
MoE publication type: D3 Professional conference proceedings  
Organisations: Architecture, Research group: Architecture: History and Theory  
Contributors: Koponen, O.  
Number of pages: 5  
Pages: 45-49  
Publication date: Nov 2016

#### Host publication information

Title of host publication: Timber heritage and cultural tourism : values, innovation and visitor management, Bangkok, Thailand, 6-8 Nov. 2015  
Place of publication: Bangkok, Thailand  
Publisher: ICOMOS Thailand Association

ISBN (Print): 978-616-90599-7-4

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Professional

### **Raitiotien seisakkeet - monialainen suunnitteluprosessi opintojakson aiheena**

Urban Planning and Design Advanced Course, co-ordinated by Tampere University of Technology Architecture School, opened up a possibility for the collaboration of two universities in Autumn 2014. The multidisciplinary student groups were given a task: to design a tram stop and its environment in Tampere. A real project was behind the task, giving a concrete motivation for the negotiations.

#### **General information**

Publication status: Published

MoE publication type: D3 Professional conference proceedings

Organisations: School of Architecture, Research group: Urban Planning

Contributors: Rajaniemi, J., Chudoba, M.

Number of pages: 6

Publication date: 2015

#### **Host publication information**

Title of host publication: Peda-forum 2015 - Strength through collaboration

Electronic versions:

Rajaniemi\_Chudoba\_pforum\_txt\_240615

URLs:

<http://urn.fi/URN:NBN:fi:tyy-201705101355>

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Professional

### **Temporary Uses Producing Difference in Contemporary Urbanism**

#### **General information**

Publication status: Published

MoE publication type: D3 Professional conference proceedings

Organisations: School of Architecture, Research group: Built Environment in Transition, Research group: Urban Planning Theory, University of Turku

Contributors: Lehtovuori, P., Ruoppila, S.

Number of pages: 18

Publication date: 2015

#### **Host publication information**

Title of host publication: Transience and permanence in urban development workshop, Sheffield 14.--15.1.2015

Place of publication: Sheffield, UK

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Professional

### **Asemanseudut solmukohtina: Kehittämisen pullonkauloja ja mahdollisuuksia**

#### **General information**

Publication status: Published

MoE publication type: D3 Professional conference proceedings

Organisations: School of Architecture, Research group: Urban Laboratory, University of Tampere

Contributors: Hynynen, A., Kolehmainen, J.

Publication date: 23 Sep 2014

#### **Host publication information**

Title of host publication: XVI Kaupunkifoorumi Hämeenlinnassa 23.-24.9.2014

Publisher: Työ- ja elinkeinoministeriö

URLs:

<http://www.tem.fi/kaupunkifoorum2014>

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Professional

### **Rakennettuun ympäristöön sitoutuneet materiaalit ja niiden virrat: kartoittamisen, ennustamisen ja käytön esiselvitys**

#### **General information**

Publication status: Unpublished

MoE publication type: D4 Published development or research report or study

Organisations: Architecture, Research group: Built Environment in Transition, Civil Engineering, Research group: Service Life Engineering of Structures, Research group: Earth Constructions, Suomen ympäristökeskus SYKE - Finnish

Environment Institute, VTT Tech Res Ctr Finland, VTT Technical Research Center Finland, VTT Technical Research Centre of Finland

Contributors: Pesu, J., Nissinen, A., Sederholm, C., Huuhka, S., Köliö, A., Kuula, P., Lahdensivu, J., Hradil, P., Wahlström, M., Teittinen, T.

Publication date: Jan 2020

#### Publication information

Original language: Finnish

Research output: Book/Report › Commissioned report › Professional

#### Tampere City Region 2040+. Regional factors of well-being.

Publication of Urban Planning and Design IV, Fall 2019

#### General information

Publication status: Published

MoE publication type: D4 Published development or research report or study

Organisations: Architecture, Research group: Urban Planning and Design

Contributors: Koskinen, A. (ed.), Lehtovuori, P. (ed.), Rantanen, A. (ed.), Vanhatalo, J. (ed.)

Number of pages: 112

Publication date: Oct 2019

#### Publication information

Place of publication: Tampere

Publisher: Tampere University

ISBN (Print): 978-952-03-1390-6

ISBN (Electronic): 978-952-03-1391-3

Original language: English

URLs:

<https://mal-verkosto.fi/wp-content/uploads/2019/12/TampereCityRegion2040.pdf>

Research output: Book/Report › Commissioned report › Professional

#### Tulevaisuuskatsaus eräiden maiden alueidenkäytön suunnittelujärjestelmiin

Tulevaisuuskatsaus tarkastelee lakitekstien ja tutkimuskirjallisuuden nojalla kahdeksan eurooppalaisen maan suunnittelujärjestelmiä: Englanti, Hollanti, Norja, Ranska, Ruotsi, Saksa, Skotlanti ja Tanska. Raporttia varten on tehty myös kansainvälisen asiantuntijakysely.

Katsauksen tarkoituksena on muodostaa käsitys näiden Suomen kannalta relevanttien Euroopan maiden suunnittelujärjestelmien kehityksestä, lähitulevaisuuden muutoksista ja tunnistetuista muutostarpeista. Katsaus hahmottaa ja vertailee muutosten suuntaa näissä maissa ja nostaa esille olennaisimmat kiinnostavat opit Suomen kannalta. Tavoitteena on tukea meneillään olevaa maankäyttö- ja rakennuslain uudistusta ja Suomen suunnittelujärjestelmän kehitystyötä.

Maakuvauksissa on pyritty vertailtavuuteen, vaikkakaan suunnittelukulttuuriltaan ja juridiselta perinteeltään erilaisia maita ei ole mahdollista puristaa yhteen muottiin. Kaikista maista on nostettu esille 1) hallinnan tehtävä, rakenne ja ohjaustasot, 2) aikajana lainsäädännön viimeaikaisista muutoksista, 3) kaavoitus- menettelyn nykytilanne, 4) tunnistetut suunnittelujärjestelmän ja säädösten uudistustarpeet, 5) keskeiset muutostekijät ja 6) yhteenveto Suomen kannalta.

Ranskan suunnittelujärjestelmästä ja sen muutoksesta

on kirjoitettu muita maita perusteellisemmin, koska Ranskan järjestelmä on kiinnostava mutta Suomessa suhteellisen huonosti tunnettu.

Tulevaisuuskatsauksen yhteenvedossa pohditaan sitä, missä Suomi on ja voisi olla edelläkävijä maankäytön suunnittelussa ja sen sääntelyssä. Näitä mahdollisuuksia on erityisesti kaupunkiseutujen tunnistamisessa suunnittelujärjestelmän toimijoina, kaavoituksen asiakaslähtöisyydessä ja digitalisaatioissa sekä ilmastonmuutokseen varautumisen ja sen hillinnän ymmärtämisessä maankäytön ja kaupunkiprosessien ajurina. Ilmastokysymyksen sosiaalinen ulottuvuus on syytä hahmottaa osana suunnittelupolitiikkaa.

#### General information

Publication status: Published

MoE publication type: D4 Published development or research report or study

Organisations: Architecture, Research group: Urban Planning and Design, Demos Helsinki, Aalto University

Contributors: Lehtovuori, P., Ari, E., Kuusela, K., Rantanen, A., Rajaniemi, J., Schmidt-Thomé, K.

Number of pages: 150

Publication date: 5 Sep 2019

#### Publication information

Place of publication: Helsinki

Publisher: Ympäristöministeriö

Volume: 2019

Edition: 24  
ISBN (Electronic): 978-952-361-031-6  
Original language: Finnish

#### **Publication series**

Name: Ympäristöministeriön julkaisuja  
Volume: 2019  
No.: 24  
ISSN (Electronic): 2490-1024  
URLs:  
<http://urn.fi/URN:ISBN:978-952-361-031-6>  
Research output: Book/Report › Commissioned report › Professional

#### **Seinäjoen Huhtala: Yhdyskuntasuunnittelun ammattikurssi 1 2019**

##### **General information**

Publication status: Published  
MoE publication type: D4 Published development or research report or study  
Organisations: Architecture, Research group: Urban Planning and Design  
Contributors: Rajaniemi, J. (ed.), Chudoba, M. (ed.), Luotinen, E. (ed.)  
Number of pages: 117  
Publication date: Sep 2019

##### **Publication information**

Place of publication: Tampere  
Publisher: Tampereen yliopisto. Arkkitehtuuri  
ISBN (Print): 978-952-03-1037-0  
ISBN (Electronic): 978-952-03-1038-7  
Original language: Finnish  
URLs:  
<http://urn.fi/URN:ISBN:978-952-03-1038-7>  
Research output: Book/Report › Commissioned report › Professional

#### **Kuivaspään kyläsuunnitelma: Loppuraportti**

##### **General information**

Publication status: Published  
MoE publication type: D4 Published development or research report or study  
Organisations: Architecture, Research group: Urban Planning and Design, Tampere University  
Contributors: Lehtovuori, P., Vanhatalo, J., Elfving, S.  
Number of pages: 64  
Publication date: 2019

##### **Publication information**

Publisher: Tampereen teknillinen yliopisto  
Original language: Finnish  
Electronic versions:  
Kuivaspään\_kyläsuunnitelma\_2painos\_sahk\_  
URLs:  
<http://urn.fi/URN:NBN:fi:tuni-202001101165>  
Research output: Book/Report › Commissioned report › Professional

#### **Aluekehittäminen monivärikuvassa. Aluekehittämispäätöksen valmistelun työpäperi. Työ- ja elinkeinoministeriö.**

##### **General information**

Publication status: Published  
MoE publication type: D4 Published development or research report or study  
Organisations: Architecture, Research group: Urban Laboratory, Luonnonvarakeskus, Helsingin yliopisto, Tampere University  
Contributors: Vihinen, H., Hynynen, A., Kolehmainen, J., Moisio, S.  
Publication date: 2019

##### **Publication information**

Publisher: Työ- ja elinkeinoministeriö

URLs:

[https://tem.fi/documents/1410877/15836724/Hynynen\\_Aluekehitys+moniv%C3%A4rikuvassa\\_08102019.pdf/8644f6d2-5345-c5a0-2d1e-ecb7e4a49804/Hynynen\\_Aluekehitys+moniv%C3%A4rikuvassa\\_08102019.pdf](https://tem.fi/documents/1410877/15836724/Hynynen_Aluekehitys+moniv%C3%A4rikuvassa_08102019.pdf/8644f6d2-5345-c5a0-2d1e-ecb7e4a49804/Hynynen_Aluekehitys+moniv%C3%A4rikuvassa_08102019.pdf)

Research output: Working paper > Scientific

## Jyväskylän ratapihan ympäristö, Yhdyskuntasuunnittelun ammattikurssi 1 2018

### General information

Publication status: Published

MoE publication type: D4 Published development or research report or study

Organisations: Architecture, Research group: Urban Planning and Design

Contributors: Rajaniemi, J. (ed.), Chudoba, M. (ed.), Lehmusvaara, E. (ed.)

Number of pages: 153

Publication date: Jun 2018

### Publication information

Place of publication: Tampere

Publisher: Tampere University of Technology, School of Architecture

ISBN (Print): 978-952-15-4126-1

ISBN (Electronic): 978-952-15-4127-8

Original language: Finnish

Electronic versions:

[julkaisu\\_07062018\\_verkkoversio\\_pieni](#)

URLs:

<http://urn.fi/URN:ISBN:978-952-15-4127-8>

Research output: Book/Report > Commissioned report > Professional

## Quality Parameters for Renovation

### General information

Publication status: Published

MoE publication type: D4 Published development or research report or study

Organisations: Architecture, Research group: Urban Laboratory

Contributors: Saatsi, P., Sørensen, B. R., Gustafsson, A.

Number of pages: 52

Publication date: 11 Apr 2018

### Publication information

Publisher: Tampere University of Technology. Laboratory of Architecture

ISBN (Electronic): 978-952-15-4121-6

Original language: English

Electronic versions:

Quality parameters for renovation

URLs:

<http://urn.fi/URN:ISBN:978-952-15-4121-6>

Research output: Book/Report > Commissioned report > Professional

## Ideoita kaavoituksen sisällön uudistamiseen: Kaavojen merkintöjen ja määräysten kehittäminen (KAMMI-hanke)

The project concerning the designations used in the plans and regulations on the plans (KAMMI) was based on the need to develop the content of the plans at different levels to take the changes in the environment and future needs better into account. As an outcome recommendations are given to develop the spatial planning system in relation to the key steering needs that were identified and the European objectives relating to the harmonisation of the management of planning data (INSPIRE Directive).

The various subsections of the report provide the reasoning for the conclusions at the end. The report starts with a description of the history and current situation of the Finnish spatial planning system. A key part of the project were the so-called stimulus themes through which the main needs for change were to be identified and the core future tasks of spatial planning were to be specified. The reflections on the stimulus themes were mirrored against the development of the spatial planning system as a whole and its contents. In the project it was also considered necessary to construct a view and ideas to renew spatial planning from the perspective of designations and regulations. At the end, various types of designations were developed for the steering of land use by municipalities both on the more general and on quite detailed level.

The work is closely linked to the process of amending the Land Use and Building Act that has been started. It provides a particular perspective to the discussion on the reform of the regional and land use planning system.

### General information

Publication status: Published

MoE publication type: D4 Published development or research report or study

Organisations: Architecture

Contributors: Jama, T., Lehtovuori, P., Rajaniemi, J., Siikonen, M., Mäntynen, J., Rantanen, A., Joutsiniemi, A., Koskela, K., Kärkinen, T., Saarikoski, P., Saarniaho, K.

Number of pages: 74

Publication date: 26 Jan 2018

### Publication information

Place of publication: Helsinki

Publisher: Ympäristöministeriö

Volume: 4/2018

ISBN (Print): 978-952-11-4779-1

ISBN (Electronic): 978-952-11-4780-7

Original language: Finnish

Keywords: kaavoitus, alueidenkäyttö, alueidenkäytön suunnittelu, kaavamerkinnot, kaavamääräykset

URLs:

<http://urn.fi/URN:ISBN:978-952-11-4780-7>

Research output: Book/Report > Commissioned report > Professional

## Puurakenteiden uudelleenkäyttömahdollisuudet

### General information

Publication status: Published

MoE publication type: D4 Published development or research report or study

Organisations: Civil Engineering, Research group: Service Life Engineering of Structures, Architecture, Research group:

Built Environment in Transition

Contributors: Huuhka, S., Köliö, A., Annala, P., Poti, A.

Number of pages: 63

Publication date: Jan 2018

### Publication information

Place of publication: Tampere

Publisher: Tampere University of Technology

ISBN (Electronic): 978-952-15-4075-2

Original language: Finnish

### Publication series

Name: Muuttuva rakennettu ympäristö

Publisher: Tampere University of Technology. Architecture.

No.: 4

ISSN (Electronic): 2489-4281

Name: Rakennetekniikka. Tutkimusraportti.

Publisher: Tampere University of Technology. Civil Engineering.

No.: 165

Electronic versions:

Puurakenteiden\_uudelleenkäyttömahdollisuudet

URLs:

<http://urn.fi/URN:ISBN:978-952-15-4075-2>

Research output: Book/Report > Commissioned report > Professional

## Kaupunkievoluution tunnistaminen ja tukeminen itseohjautuvilla työpaikka-alueilla

### General information

Publication status: Published

MoE publication type: D4 Published development or research report or study

Organisations: Architecture

Contributors: Partanen, J.

Publication date: Jan 2018

### Publication information

Original language: Finnish

### Publication series

Name: Tutkimuskatsauksia

Publisher: Turun kaupunkitutkimusohjelma

Volume: 01/2018

ISSN (Electronic): 1799-5124

URLs:

[https://www.turku.fi/sites/default/files/atoms/files/tutkimuskatsauksia\\_1-2018.pdf](https://www.turku.fi/sites/default/files/atoms/files/tutkimuskatsauksia_1-2018.pdf)

Research output: Book/Report › Commissioned report › Professional

## Resurssitehokkuuden käsite ja toimintatapojen kansainvälinen benchmarking: Whole-hankkeen osaraportti 1

### General information

Publication status: Published

MoE publication type: D4 Published development or research report or study

Organisations: Architecture

Contributors: Lehtovuori, P., Vanhatalo, J., Rantanen, A., Varna, G.

Number of pages: 78

Publication date: 17 Nov 2017

### Publication information

Publisher: Tampereen teknillinen yliopisto. Arkkitehtuurin laboratorio

ISBN (Electronic): 978-952-15-4020-2

Original language: Finnish

### Publication series

Name: Tampereen teknillinen yliopisto, Arkkitehtuurin laboratorio, julkaisu

Volume: 12

ISSN (Print): 2489-6322

Electronic versions:

WHOLE-osaraportti\_1

URLs:

<http://urn.fi/URN:ISBN:978-952-15-4020-2>

Research output: Book/Report › Commissioned report › Professional

## Kaupunkirakenteen kokonaisvaltainen resurssitehokkuus

The built environment and urban functions, including transportation, use notable amounts of material and energy resources. On the other hand, cities are an important source of technical and social skills, social well-being and economic innovation. The WHOLE project approaches the urban structure as a set of interactive spatial and functional networks, linkages of which direct resource generation and flows. The resource-efficiency of the urban structure is defined not only as saving and recycling re- sources, but also as their constant renewal. The main result of the project is the comprehensive re- source-efficiency model for urban structures, the WHOLE model. It conceptualises different decision types to improve resource-efficiency, presents an extensive plan of action for resource-efficiency that can be applied at different stages of design, management and projects, and suggests qualitative and quantitative indicators and calculation methods related to the plan. The project has also produced a model that combines material, immaterial and spatial resources, a qualitative evaluation model for transportation projects, and a GIS-based, modular calculation model for spatial resource efficiency. Integration between networks is suggested as a way of enhancing resource-efficiency. Instead of mere densification, the results of the project emphasise versatile network links, accessibility in broad sense and flexibility of structures in changing contexts.

### General information

Publication status: Published

MoE publication type: D4 Published development or research report or study

Organisations: Architecture, Research group: Urban Planning and Design, Research group: EDGE, Civil Engineering,

Research group: Transport Research Centre Verne

Contributors: Lehtovuori, P., Vanhatalo, J., Rantanen, A., Viri, R., Sorri, J., Edelman, H., Liimatainen, H.

Number of pages: 134

Publication date: 27 Sep 2017

### Publication information

Publisher: Valtioneuvoston kanslia

Volume: 2017

Edition: 65

ISBN (Print): 978-952-287-451-1

ISBN (Electronic): 978-952-287-450-4



Original language: Finnish

#### Publication series

Name: Valtioneuvoston selvitys- ja tutkimustoiminnan julkaisusarja

ISSN (Electronic): 2342-6799

Electronic versions:

WHOLE-loppuraportti\_65-2017

URLs:

<http://urn.fi/URN:NBN:fi:tty-201712012287>

URLs:

[http://tietokaytoon.fi/documents/10616/3866814/65\\_WHOLE-loppuraportti-20092017+%282%29.pdf/210de171-d6bf-4405-a2d4-cfa262fbd522?version=1.0](http://tietokaytoon.fi/documents/10616/3866814/65_WHOLE-loppuraportti-20092017+%282%29.pdf/210de171-d6bf-4405-a2d4-cfa262fbd522?version=1.0)

Research output: Book/Report › Commissioned report › Professional

#### Korsgrundet i Jakobstad, Yrkeskurs 1 i Stadsplanering 2017

##### General information

Publication status: Published

MoE publication type: D4 Published development or research report or study

Organisations: Architecture, Research group: Urban Planning and Design

Contributors: Rajaniemi, J. (ed.), Chudoba, M. (ed.), Laine, O. (ed.)

Number of pages: 117

Publication date: Sep 2017

##### Publication information

Place of publication: Tampere

Publisher: Tampere University of Technology, School of Architecture

ISBN (Print): 978-952-15-3971-8

ISBN (Electronic): 978-952-15-3972-5

Original language: Swedish

Electronic versions:

[ristikari\\_ruotsi\\_nettiin](#)

URLs:

<http://urn.fi/URN:ISBN:978-952-15-3972-5>

Research output: Book/Report › Commissioned report › Professional

#### Pietarsaaren Ristikari, Yhdyskuntasuunnittelun ammattikurssi 1 2017

##### General information

Publication status: Published

MoE publication type: D4 Published development or research report or study

Organisations: Architecture, Research group: Urban Planning and Design

Contributors: Rajaniemi, J. (ed.), Chudoba, M. (ed.), Laine, O. (ed.)

Number of pages: 117

Publication date: Jun 2017

##### Publication information

Place of publication: Tampere

Publisher: Tampere University of Technology, School of Architecture

ISBN (Print): 978-952-15-3969-5

ISBN (Electronic): 978-952-15-3970-1

Original language: Finnish

Electronic versions:

[ristikari\\_lopullinen\\_nettiin](#)

URLs:

<http://urn.fi/URN:ISBN:978-952-15-3970-1>

Research output: Book/Report › Commissioned report › Professional

#### Katsaus vähähiilisyden edistämiseen

##### General information

Publication status: Published

MoE publication type: D4 Published development or research report or study  
Organisations: Civil Engineering, Architecture  
Contributors: Sorri, J., Edelman, H.  
Number of pages: 56  
Publication date: 2017

#### **Publication information**

Publisher: Tampereen teknillinen yliopisto  
ISBN (Electronic): 978-952-15-4024-0

#### **Publication series**

Name: Tampereen teknillinen yliopisto. Rakennustekniikan laboratorio. Rakennustuotanto ja -talous. Raportti  
Volume: 21  
ISSN (Print): 2489-5717  
Electronic versions:

vahahiilisyy

URLs:

<http://urn.fi/URN:ISBN:978-952-15-4024-0>

Research output: Working paper › Discussion paper › Professional

### **Puukerrostalojen asukas- ja rakennuttajakysely 2017 - loppuraportti 11.6.2017**

#### **General information**

Publication status: Published  
MoE publication type: D4 Published development or research report or study  
Organisations: Architecture, Research group: Built Environment in Transition  
Contributors: Karjalainen, M.  
Number of pages: 39  
Publication date: 2017

#### **Publication information**

Place of publication: Tampere  
Publisher: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos. Rakennusoppi  
Original language: Finnish  
URLs:

<http://www.ym.fi/download/noname/%7BDE24E1B6-B79D-4498-B7DE-DE837EE89D88%7D/128751>

Research output: Book/Report › Commissioned report › Professional

### **Pirkanmaan maakuntakaava 2040: Ihmisten elinympäristöön kohdistuvien vaikutusten arviointi**

#### **General information**

Publication status: Published  
MoE publication type: D4 Published development or research report or study  
Organisations: School of Architecture, Research group: EDGE, University of Helsinki  
Contributors: Joutsiniemi, A., Vanhatalo, J., Vaattovaara, M., Lehtonen, J.  
Number of pages: 62  
Publication date: 11 Mar 2016

#### **Publication information**

Place of publication: Tampere  
Publisher: Pirkanmaan liitto  
ISBN (Electronic): 978-951-590-336-5  
Original language: Finnish  
Keywords: Planning, Assessment  
Electronic versions:

Valmis\_raportti\_IEVA\_

URLs:

[http://maakuntakaava2040.pirkanmaa.fi/sites/default/files/Valmis\\_raportti\\_IEVA\\_\\_0.pdf](http://maakuntakaava2040.pirkanmaa.fi/sites/default/files/Valmis_raportti_IEVA__0.pdf)

<http://urn.fi/URN:NBN:fi:tty-201706091589>

Research output: Book/Report › Commissioned report › Professional

### **Lempäälän Sääksjärvi: Yhdyskuntasuunnittelun ammattikurssi 1 2016**

### General information

Publication status: Published  
MoE publication type: D4 Published development or research report or study  
Organisations: School of Architecture, Research group: Urban Planning  
Contributors: Rajaniemi, J. (ed.), Chudoba, M. (ed.)  
Number of pages: 115  
Publication date: 2016

### Publication information

Place of publication: Tampere  
Publisher: Tampere University of Technology, School of Architecture  
ISBN (Print): 978-952-15-3724-0  
ISBN (Electronic): 978-952-15-3725-7  
Original language: Finnish  
Electronic versions:  
Kurssijulkaisu\_pdf  
URLs:  
<http://urn.fi/URN:ISBN:978-952-15-3725-7>  
Research output: Book/Report › Commissioned report › Professional

## Etelä-Pohjanmaan aluerakenteen tulevaisuuskuvat 2040

### General information

Publication status: Published  
MoE publication type: D4 Published development or research report or study  
Organisations: School of Architecture, Research group: Urban Laboratory  
Contributors: Kurikka, H., Alarinta, J., Kolehmainen, J., Hynynen, A.  
Number of pages: 36  
Publication date: 2016

### Publication information

Publisher: Seinäjoen yliopistokeskus ja Etelä-Pohjanmaan liitto  
ISBN (Print): 978-951-766-309-0  
ISBN (Electronic): 978-951-766-310-6  
Original language: Finnish

### Publication series

Name: Julkaisunumero B:81  
Publisher: Etelä-Pohjanmaan liitto  
ISSN (Electronic): 1239-0607  
URLs:  
[http://www.epliitto.fi/images/B\\_81\\_Etela-Pohjanmaan\\_aluerakenteen\\_tulevaisuuskuvat\\_2040.pdf](http://www.epliitto.fi/images/B_81_Etela-Pohjanmaan_aluerakenteen_tulevaisuuskuvat_2040.pdf)  
Research output: Book/Report › Commissioned report › Professional

## Asemanseutujen kehittämiskonseptit ja investointimallit: Esiselvitys

### General information

Publication status: Published  
MoE publication type: D4 Published development or research report or study  
Organisations: School of Architecture, Research group: Urban Laboratory  
Contributors: Harvio, S., Lehto, V., Hynynen, A., Kolehmainen, J., Laakso, S., Matikka, J.  
Number of pages: 61  
Publication date: 2016

### Publication information

Place of publication: Helsinki  
Publisher: Ympäristöministeriö  
Volume: 27  
ISBN (Electronic): 978-952-11-4631-2  
Original language: Finnish

### Publication series

Name: Ympäristöministeriön raportteja 27  
ISSN (Electronic): 1796-170X

URLs:

[https://www.hsy.fi/fi/asiantuntijalle/ilmastonmuutos/hankkeet/asemanseudut/Documents/Loppuraportti\\_elias\\_TP5\\_080416.pdf](https://www.hsy.fi/fi/asiantuntijalle/ilmastonmuutos/hankkeet/asemanseudut/Documents/Loppuraportti_elias_TP5_080416.pdf)

Research output: Book/Report > Commissioned report > Professional

## **Kangasalan Lamminrahka. Yhdyskuntasuunnittelun ammattikurssi 1 2015**

### **General information**

Publication status: Published

MoE publication type: D4 Published development or research report or study

Organisations: School of Architecture, Research group: Urban Planning

Contributors: Rajaniemi, J. (ed.), Thureson, J. (ed.), Chudoba, M. (ed.)

Number of pages: 92

Publication date: Jun 2015

### **Publication information**

Place of publication: Tampere

Publisher: Tampere University of Technology, School of Architecture

ISBN (Print): 978-952-15-3540-6

ISBN (Electronic): 978-952-15-3541-3

Original language: Finnish

Electronic versions:

Kangasalan\_Lamminrahka-TTY\_YSAK1\_2015

URLs:

<http://urn.fi/URN:NBN:fi:tty-201603183718>

Research output: Book/Report > Commissioned report > Professional

## **Asukaslähtöinen puukerrostalokortteli tilaelementeistä: Esimerkinä Kokkolan Nukkumatin tontin suunnitelma**

This study examines resident-oriented modular timber framed construction in relation to the residential environment, multi-storey apartment buildings and apartments. Resident-orientation is a concept that in housing construction terminology, specifies the concept of user-orientation.

Special features of the production of modular timber framed construction affect design mainly in the scales of apartments and apartment buildings. When an apartment can be modified to suit the user's needs, a building's service life and the degree of utilisation increase. This study examines the possibilities of adaptable modular timber framed housing construction using the principle of adaptable zones and examples of three placement methods of modules as a tool. The analysis is supported by a large variety of modular timber framed apartment studies and their adaptable variations.

The study also attempts to better understand – regardless of the production method – the appreciation of residential environments and seeks to find an interpretation of how the built environment can be developed on the basis of residential preference studies. In addition, the study analyses the potential benefits of modular timber framed construction for realising residential environment preferences.

The study combines practical design and theoretical analysis. The study has incorporated two case designs, of which one modular timber framed housing block in central Kokkola is introduced. The aim of the study is to both determine necessary areas of development regarding modular timber framed building construction from the viewpoint of architectural and housing design; and to function as a resource for ideas and knowledge regarding the design of modular timber framed housing blocks.

### **General information**

Publication status: Published

MoE publication type: D4 Published development or research report or study

Organisations: School of Architecture, Research group: ASUTUT

Contributors: Kotilainen, S., Hedman, M.

Number of pages: 213

Publication date: 7 May 2015

### **Publication information**

Place of publication: Tampere

Publisher: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos

ISBN (Print): 978-952-15-3494-2

ISBN (Electronic): 978-952-15-3495-9

Original language: Finnish

### Publication series

Name: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos. Asuntosuunnittelu. Julkaisu

No.: 17

ASJC Scopus subject areas: Architecture

Keywords: Timber apartment building, modular construction, resident orientation, adaptable housing construction

Electronic versions:

Asukaslähtöinen puukerrostalokortteli tilaelementeistä

URLs:

<http://URN.fi/URN:ISBN:978-952-15-3495-9>

### Bibliographical note

Versio ja lupa ok 12.1.2016 KK

Research output: Book/Report > Commissioned report > Professional

## MASTRA: Strateginen kaavakartta - maakuntakaavamerkintöjen ja -määräysten uudet lähestymistavat - osa C

### General information

Publication status: Published

MoE publication type: D4 Published development or research report or study

Organisations: School of Architecture, Research group: EDGE

Contributors: Joutsiniemi, A., Vanhatalo, J.

Number of pages: 61

Publication date: 9 Feb 2015

### Publication information

Place of publication: Tampere

Publisher: Pirkanmaan liitto

ISBN (Print): 978-951-590-312-9

Original language: Finnish

URLs:

[http://maakuntakaava2040.pirkanmaa.fi/sites/default/files/Mastra\\_C\\_NETTIIN.pdf](http://maakuntakaava2040.pirkanmaa.fi/sites/default/files/Mastra_C_NETTIIN.pdf)

Research output: Book/Report > Commissioned report > Professional

## Betonielementtien uudelleenkäyttömahdollisuudet

### General information

Publication status: Published

MoE publication type: D4 Published development or research report or study

Organisations: Department of Civil Engineering, Research group: Service Life Engineering of Structures, School of Architecture, Research group: Built Environment in Transition

Contributors: Lahdensivu, J., Huuhka, S., Annala, P., Pikkuvirta, J., Köliö, A., Pakkala, T.

Number of pages: 78

Publication date: 2015

### Publication information

Place of publication: Tampere

Publisher: Tampereen teknillinen yliopisto. Rakennustekniikan laitos

ISBN (Electronic): 978-952-15-3461-4

Original language: Finnish

### Publication series

Name: Tampereen teknillinen yliopisto. Rakennustekniikan laitos. Rakennetekniikka. Tutkimusraportti

Publisher: Tampereen teknillinen yliopisto. Rakennustekniikan laitos

Volume: 162

ISSN (Print): 1797-9161

Electronic versions:

[lahdensivu\\_betonielementtien\\_uudelleenkayttomahdollisuudet.pdf](lahdensivu_betonielementtien_uudelleenkayttomahdollisuudet.pdf)

URLs:

<http://urn.fi/URN:ISBN:978-952-15-3461-4>

### Bibliographical note

Contribution: organisation=rak,FACT1=1<br/>Portfolio EDEND: 2015-03-27

Source: researchoutputwizard

Source ID: 18

## Seinäjoen ydinkeskustan olennaiset kehitysvaiheet ja sen 1950 – 70-lukujen rakennusperinnön arvottamisperiaatteita

### General information

Publication status: Published

MoE publication type: D4 Published development or research report or study

Organisations: School of Architecture, Research group: Urban Laboratory

Contributors: Hirvonen, T.

Number of pages: 121

Publication date: 2015

### Publication information

Place of publication: Tampere

Publisher: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos

ISBN (Electronic): 978-952-15-3549-9

Original language: Finnish

Electronic versions:

[hirvonen\\_seinajoen\\_ydinkeskustan\\_olennaiset\\_kehitysvaiheet](http://urn.fi/URN:ISBN:978-952-15-3549-9)

URLs:

<http://URN.fi/URN:ISBN:978-952-15-3549-9>

### Bibliographical note

Versio ok 14.12.2015

Research output: Book/Report › Commissioned report › Professional

## Sustainable Design Studio 2014

The City of Tampere is experiencing a great regeneration boom. Several central areas are under redevelopment. The Hakametsä area is one of them. The ice hockey hall of Hakametsä and the surrounding commercial areas will be redeveloped in the near future. The identity and integrated sustainable urban solutions unifying the entire Hakametsä area is becoming a key issue.

The Sustainable Design Studio 2014 looked at the opportunities related to sustainable redevelopment of the new city district. In particular, the focus was in the intersection of Hervannan valtavyäly and Sammon valtatie. Currently this intersection divides the area in separate and isolated sections with very scattered street scape and difficult accessibility for light-traffic. The restructuring of the entire city structure could offer several opportunities for more sustainable city district in connection to the new tram line.

The task for the students had to two parts with different objectives and urban scales. The first part included a group work analysis on the Hakametsä area and designing a new urban strategy for a sustainable city district. The lack of overall scheme for the area motivated the students to look at the intersection area as the point for connecting the four sectors divided by Hervannan valtavyäly and Sammon valtatie.

The second individual part of the assignment consisted of designing additional floors to an existing residential building next to the Hakametsä ice hockey rink. The work aimed at creating appealing typological solutions for attractive in-fill architecture thus increasing the opportunities for densification of the 70s residential areas at large. The starting point for the design was the structural system developed in KORKO research project of the Tampere University of Technology. The research project delivered a concept for a prefabricated steel structure allowing fast and affordable assembly of prefabricated wooden housing modules. The objective of the course was to connect university education and research in a mutually benefiting way that is motivating for the students.

The results of the studio provided a comprehensive overview of different approaches to reshape the urban plan for more sustainable city structure. The need for the new character of Hervannan valtavyäly became evident. Should the road be a main artery focusing on delivering the traffic flows, or, is it part of integrated city structure potentially lowering the speeds of vehicles and calling for improved lighttraffic conditions? The students' works opened up a number of alternative perspectives – including engineering studies on sustainability issues. The Hakametsä area is a great potential for sustainable urban densification within the proximity of the city center, yet with a unique character making it a distinct and identifiable place.

### General information

Publication status: Published

MoE publication type: D4 Published development or research report or study

Organisations: Department of Civil Engineering, School of Architecture

Contributors: Edelman, H. (ed.), Härkönen, K. (ed.)

Number of pages: 79  
Publication date: 2015

#### Publication information

Publisher: Tampere University of Technology. School of Architecture  
ISBN (Print): 978-952-15-3473-7  
ISBN (Electronic): 978-952-15-3474-4  
Original language: English  
Electronic versions:  
sustainable\_design\_studio\_2014  
URLs:  
<http://URN.fi/URN:ISBN:978-952-15-3474-4>

#### Bibliographical note

ORG=rak,0.25  
ORG=ark,0.75  
Research output: Book/Report › Commissioned report › Professional

#### Raitiotien seisakkeet: Yhdyskuntasuunnittelun jatkokurssi A ja B

Vuoden 2014 Yhdyskuntasuunnittelun jatkokurssin aiheena oli Tampereelle toteutettava kaupunkiraitiotie, joka tulee helpottamaan huomattavasti kulkemista Tampereella tulevaisuudessa.

Kurssi oli sisällöltään ja osallistujiltaan epätavanomainen. Osallistujia kurssilla oli useammasta eri tiedekunnasta: Tampereen teknillisen yliopiston arkkitehtiotielijöitä ja liikennesuunnittelun opiskelijoita, Tampereen yliopistolta psykologian sekä sosiologian opiskelijoita.

Kolmiosaisen kurssin painopiste oli urban design-osuudella, muiden ollessa vapaavalintaisia. Suunnitteluohjeina poikkitieteellisesti muodostetuilla ryhmillä oli kolme Tampereen raitiotien yleissuunnitelmassa esitettyä seisaketta: Hakametsä, Turtola ja Hallila. Useat osallistajat olivat valinneet myös planning-osuuden, johon koottiin jäsenistö kunkin seisakkeen design-osuuden ryhmistä.

#### General information

Publication status: Published  
MoE publication type: D4 Published development or research report or study  
Organisations: School of Architecture, Research group: Urban Planning  
Contributors: Chudoba, M. (ed.), Rajaniemi, J. (ed.), Virkkala, J. (ed.)  
Number of pages: 74  
Publication date: 2015

#### Publication information

Publisher: Tampere University of Technology, School of Architecture  
ISBN (Print): 978-952-15-3456-0  
ISBN (Electronic): 978-952-15-3457-7  
Original language: Finnish  
Electronic versions:  
raitiotien\_seisakkeet  
URLs:  
<http://URN.fi/URN:ISBN:978-952-15-3457-7>

#### Bibliographical note

Versio ok 14.12.2015  
Research output: Book/Report › Commissioned report › Professional

#### Puu-Hubi: Perinteestä uusiin innovaatioihin

Maailmalla on menossa puurakentamisen buumi, jolle ennakoidaan pitkää ikää ja valoisa tulevaisuutta. Kehityksen etulinjassa on saksankielinen Keski-Eurooppa, Ruotsi ja Norja. Myös Kanadassa ja Yhdysvalloissa puurakentamisella on pitkät perinteet ja laajat markkinat. Vahvin muutosajuri puun käytön lisäämiselle on ilmastonmuutos. Suomi on mukana kansainvälisissä sopimuksissa, jotka sitovat meidät hiilidioksidipäästöjen runsaaseen pienentämiseen lähitulevaisuudessa. Mutta vaikka ympäristösopimukset asettavat kovia velvoitteita, ne tarjoavat myös uusia taloudellisia mahdollisuuksia.

Seinäjoen Ammattikorkeakoulun ja Tampereen teknillisen yliopiston yhteistyössä käynnistämä Puu-Hubi-projekti pyrki edistämään eteläpohjalaista puurakentamista. Tavoitteena oli puukerrostalon rakentamisessa vaadittava osaaminen ja tuotetarjonta, sekä näiden myötä kasvava liiketoiminta. Tässä kirjassa esitellään teemoja, joita hankkeen kuluessa

kohdattiin, ja jotka tuntuivat tuoreilta. Kirjan tekstit eivät ole "yhdestä puusta", vaan ne rönsyävät omia uomiaan kohti yhteistä aihettamme, suomalaisen puurakentamisen uutta tulemistä.

#### General information

Publication status: Published

MoE publication type: D4 Published development or research report or study

Organisations: School of Architecture, Research group: Urban Laboratory

Contributors: Hynynen, A. (ed.), Panu, A. (ed.), Taanila, T. (ed.)

Number of pages: 107

Publication date: 2015

#### Publication information

Publisher: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos

ISBN (Print): 978-952-15-3497-3

ISBN (Electronic): 978-952-15-3498-0

Original language: Finnish

Electronic versions:

puu\_hubi

URLs:

<http://URN.fi/URN:ISBN:978-952-15-3498-0>

#### Bibliographical note

Versio ok 14.12.2015

Research output: Book/Report › Commissioned report › Professional

### Suomen aluerakenteen ja liikennejärjestelmän kehityskuva : Ennakointiteemojen ja tulevaisuuskuvioiden alueelliset näkökulmat. Osaraportti 2

#### General information

Publication status: Published

MoE publication type: D4 Published development or research report or study

Organisations: Department of Information Management and Logistics, Research group: Urban Laboratory, Research group: Transport Research Centre Verne, Suomen ympäristökeskus SYKE - Finnish Environment Institute, University of Eastern Finland, Turun yliopisto

Contributors: Kalenoja, H., Rissanen, R., Hynynen, A., Rehunen, A., Ahonen, O., Mäkelä, T., Pöllänen, M., Palonen, T., Rantanen, A., Hirvonen, T., Tapio, P.

Number of pages: 100

Publication date: 2014

#### Publication information

Place of publication: Helsinki

Publisher: Ympäristöministeriö

ISBN (Print): 978-952-11-4266-6

Original language: Finnish

URLs:

[http://www.tut.fi/verne/wp-content/uploads/ALLI\\_osaraportti2\\_alueelliset\\_nakokulmat.pdf](http://www.tut.fi/verne/wp-content/uploads/ALLI_osaraportti2_alueelliset_nakokulmat.pdf)

#### Bibliographical note

Suomeen aluerakenteen ja liikennejärjestelmän kehityskuva (ALLI)<br/>Contribution:

organisation=tlo,FACT1=0.6<br/>Contribution: organisation=ark,FACT2=0.4<br/>Portfolio EDEND: 2014-12-

30<br/>Publisher name: Ympäristöministeriö

Source: researchoutputwizard

Source ID: 638

Research output: Book/Report › Commissioned report › Professional

### Asemanseudut kaupunkikehittämisen keskiössä, Loppuraportti, MAL-verkoston työpaja 14.5.2014, Scandic Tampere Station

#### General information

Publication status: Published

MoE publication type: D4 Published development or research report or study

Organisations: School of Architecture

Contributors: Hynynen, A., Kolehmainen, J.

Number of pages: 14



Publication date: 2014

#### Publication information

Publisher: Tampereen teknillinen yliopisto; Tampereen yliopisto

Original language: Finnish

URLs:

[http://www.mal-verkosto.fi/filebank/860-MAL\\_asepanseututyopaja\\_loppuraportti\\_30-05-2014-final.pdf](http://www.mal-verkosto.fi/filebank/860-MAL_asepanseututyopaja_loppuraportti_30-05-2014-final.pdf)

#### Bibliographical note

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2015-01-12

Source: researchoutputwizard

Source ID: 530

Research output: Book/Report › Commissioned report › Professional

#### Uutta arkkitehtuuria kuntien tilahallintaan. Loppuraportti

Projektin loppuraportti. Tampereen teknillisen yliopiston arkkitehtuurin laitoksen ja Parmaco Oy:n tutkimus siirtokelpoisten tilaratkaisujen käyttökokemuksista ja tulevaisuuden kehittämispotentiaaleista.

#### General information

Publication status: Published

MoE publication type: D4 Published development or research report or study

Organisations: School of Architecture

Contributors: Joachimiak, M., Laak, M., Siter, N.

Number of pages: 91

Publication date: 2014

#### Publication information

Place of publication: Tampere

Publisher: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos

ISBN (Print): 978-952-15-3288-7

ISBN (Electronic): 978-952-15-3289-4

Original language: Finnish

#### Publication series

Name: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos. Laitosraportti

Publisher: Tampereen teknillinen yliopisto

Electronic versions:

[Uutta\\_arkkitehtuuria\\_kuntien\\_tilahallintaan.pdf](#)

URLs:

<http://urn.fi/URN:ISBN:978-952-15-3289-4>

#### Bibliographical note

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2014-09-16

Source: researchoutputwizard

Source ID: 601

Research output: Book/Report › Commissioned report › Professional

#### SmartStation: Kohti älykästä asepanseutujen kehittämistä

#### General information

Publication status: Published

MoE publication type: D4 Published development or research report or study

Organisations: School of Architecture, Research group: Urban Laboratory, University of Tampere

Contributors: Hynynen, A., Kolehmainen, J., Ruokolainen, O., Vanhatalo, J.

Number of pages: 51

Publication date: 2014

#### Publication information

Place of publication: Seinäjoki

Publisher: The City of Seinäjoki

ISBN (Print): 978-952-68291-0-4

ISBN (Electronic): 978-952-68291-1-1

Original language: Finnish

URLs:

[http://www.smartstation.fi/site/\\_files/SmartStation-loppuraportti.pdf](http://www.smartstation.fi/site/_files/SmartStation-loppuraportti.pdf)  
Research output: Book/Report › Commissioned report › Professional

## Kohti kestäväää Skanssia

### General information

Publication status: Published  
MoE publication type: D4 Published development or research report or study  
Organisations: School of Architecture  
Contributors: Laak, M. (ed.), Del Barrio Batista, J. (ed.)  
Number of pages: 87  
Publication date: 2014

### Publication information

Publisher: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos  
ISBN (Print): 978-952-15-3248-1  
ISBN (Electronic): 978-952-15-3249-8  
Original language: Finnish  
Electronic versions:  
kohti\_kestavaa\_skanssia  
URLs:  
<http://URN.fi/URN:ISBN:978-952-15-3249-8>

### Bibliographical note

Versio ok 14.12.2015  
Research output: Book/Report › Commissioned report › Professional

## Towards a sustainable Skanssi

Course publication. The publication contains course works submitted for the Sustainable Design Studio 2013 which concentrate on the future development of the Skanssi area in Turku. For the publication six student groups' analyses and structure & masterplan –proposals have been gathered. In addition to that, selected individual works by 12 students are shown in this publication. Furthermore this publication contains a green roof and storm water management analysis and an environmental and landscape management proposal for the new residential areas.

### General information

Publication status: Published  
MoE publication type: D4 Published development or research report or study  
Organisations: School of Architecture  
Contributors: Laak, M. (ed.), Del Barrio Batista, J. (ed.)  
Number of pages: 87  
Publication date: 2014

### Publication information

Publisher: Tampere University of Technology, School of Architecture  
ISBN (Electronic): 978-952-15-3260-3  
Original language: English  
Electronic versions:  
towards\_a\_sustainable\_skanssi  
URLs:  
<http://URN.fi/URN:ISBN:978-952-15-3260-3>

### Bibliographical note

AUX=ark,"Del Barrio Batista, Juan"

Versio ok 14.12.2015  
Research output: Book/Report › Commissioned report › Professional

## Orimattilan Henna

Kurssijulkaisu. Vuoden 2014 yhdyskuntasuunnittelun ammattikurssi 1 opiskelijoiden harjoitustyöt. Kurssin harjoitustöiden teemana oli uuden kaupunginosan suunnittelu Lahti-Kerava -oikoradan varteen. Kurssi ja julkaisu toteutettiin yhteistyössä Orimattilan kaupungin kanssa.

### General information

Publication status: Published  
MoE publication type: D4 Published development or research report or study  
Organisations: School of Architecture  
Contributors: Laak, M. (ed.)  
Number of pages: 89  
Publication date: 2014

#### Publication information

Publisher: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos  
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Original language: Finnish  
Electronic versions:  
orimattilan\_henna  
URLs:  
<http://URN.fi/URN:ISBN:978-952-15-3322-8>

#### Bibliographical note

Versio ok 16.12.2015  
Research output: Book/Report > Commissioned report > Professional

#### Näsilinnan muutos- ja korjaushanke: rakennuksen olemus ja arvostukset

Tämä julkaisu sai alkunsa keväällä 2013 kun Pirkanmaan Maakuntamuseon rakennustutkija Hannele Kuitunen otti yhteyttä Tampereen teknillisen yliopiston arkkitehtuurin historian oppituoliin ja siellä professori Olli-Paavo Koposeen. Oppituolillemme tarjoutui harvinainen tilaisuus päästä toteuttamaan yhden Tampereen mielenkiintoisimman rakennuksen dokumentointia. Tamperelainen merkkirakennus, Näsilinna, oli muutosten edessä ja rakennuksen kunnostussuunnittelu oli viimeinkin käynnistetty. Kunnostuksen tueksi tarvittiin selvitysaineistoa rakennuksen ominaispiirteistä ja arvoista. Tarvetta oli myös tallentaa muistiin mittavia muutostöitä edeltävä tilanne; rakennus siinä asussaan kuin se pitkän museohistoriansa jälkeen oli. Rakennustutkija Hannele Kuitusen yhteydenotto muotoutui dokumentointikurssiksi, jonka tavoitteeksi asetettiin aiemmin tehdyn, yleispiirteisen dokumentoinnin täydentäminen syvällisemmillä, teemakohtaisilla tarkasteluilla.

#### General information

Publication status: Published  
MoE publication type: D4 Published development or research report or study  
Organisations: School of Architecture  
Contributors: Hirvonen, T.  
Number of pages: 9  
Publication date: 2013

#### Publication information

Publisher: Unknown Publisher  
ISBN (Print): 978-952-15-3210-8  
Original language: Finnish

#### Publication series

Name: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos. Arkkitehtuurin historian julkaisuja  
Volume: 1  
ISSN (Print): 2341-9865  
URLs:  
<http://urn.fi/URN:ISBN:978-952-15-3210-8>

#### Bibliographical note

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2013-12-29  
Source: researchoutputwizard  
Source ID: 2312  
Research output: Book/Report > Commissioned report > Professional

#### Moduulirakentaminen. Ratkaisumalleja tulevaisuuden asuntorakentamisen haasteisiin

#### General information

Publication status: Published  
MoE publication type: D4 Published development or research report or study  
Organisations: School of Architecture  
Contributors: Kotilainen, S.

Number of pages: 207  
Publication date: 2013

#### **Publication information**

Publisher: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos  
ISBN (Print): 978-952-15-3009-8  
ISBN (Electronic): 978-952-15-3010-4  
Original language: Finnish

#### **Publication series**

Name: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos. Asuntosuunnittelu. Julkaisu  
Publisher: Tampereen teknillinen yliopisto  
Volume: 7  
ISSN (Print): 2242-4598  
Electronic versions:  
kotilainen\_moduulirakentaminen.pdf  
URLs:  
<http://urn.fi/URN:ISBN:978-952-15-3010-4>

#### **Bibliographical note**

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2013-12-29  
Source: researchoutputwizard  
Source ID: 2634  
Research output: Book/Report › Commissioned report › Professional

### **Arkkitehtuuri in Moduulirakentaminen: Teräskennoteknologian mahdollisuudet**

#### **General information**

Publication status: Published  
MoE publication type: D4 Published development or research report or study  
Organisations: School of Architecture  
Contributors: Kotilainen, S., Hedman, M.  
Number of pages: 16  
Publication date: 2013

#### **Publication information**

Place of publication: Tampere  
Publisher: Tampereen teknillinen yliopisto  
ISBN (Print): 978-952-15-3035-7  
ISBN (Electronic): 978-952-15-3036-4  
Original language: Finnish

#### **Publication series**

Name: Tampereen teknillinen yliopisto. Rakennustekniikan laitos. Rakennustuotanto ja -talous. Raportti  
Publisher: Tampereen teknillinen yliopisto  
Volume: 14  
ISSN (Print): 1797-8904  
URLs:  
<http://urn.fi/URN:ISBN:978-952-15-3036-4>

#### **Bibliographical note**

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2013-12-29  
Source: researchoutputwizard  
Source ID: 2635  
Research output: Book/Report › Commissioned report › Professional

### **Johdanto: Arkkitehtipiskelijat Näsilinnassa**

#### **General information**

Publication status: Published  
MoE publication type: D4 Published development or research report or study  
Organisations: School of Architecture  
Contributors: Kalakoski, I., Kuitunen, H.  
Number of pages: 1

Publication date: 2013

#### **Publication information**

Publisher: Tampereen teknillinen yliopisto  
ISBN (Print): 978-952-15-3210-8  
Original language: Finnish

#### **Publication series**

Name: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos. Arkkitehtuurin historian julkaisuja  
Publisher: Tampereen teknillinen yliopisto  
Volume: 1  
ISSN (Print): 2341-9865  
URLs:  
<http://urn.fi/URN:ISBN:978-952-15-3210-8>

#### **Bibliographical note**

Contribution: organisation=ark,FACT1=1<br/>Portfolio EDEND: 2013-12-29  
Source: researchoutputwizard  
Source ID: 2459  
Research output: Book/Report › Commissioned report › Professional

### **Tampere - Asukaslähtöisyydestä yhteisöllisyyteen**

#### **General information**

Publication status: Published  
MoE publication type: D4 Published development or research report or study  
Organisations: School of Architecture  
Contributors: Järvi, I.  
Number of pages: 53  
Publication date: 2012

#### **Publication information**

Place of publication: Tampere  
Publisher: Tampereen teknillinen yliopisto; EDGE; Pirkanmaan liitto; DEMO Ikärakenneneuvosto; Tampereen kaupunki  
ISBN (Electronic): 978-952-15-2989-4  
Original language: Finnish  
Electronic versions:  
[monikko\\_tampere\\_asukaslaitisyydesta\\_yhteisollisyyteen.pdf](#)  
URLs:  
<http://urn.fi/URN:ISBN:978-952-15-2989-4>

#### **Bibliographical note**

Contribution: organisation=ark ays,FACT1=1  
Source: researchoutputwizard  
Source ID: 4340  
Research output: Book/Report › Commissioned report › Professional

### **Närpiö - Hyvinvointia yhteisöllisyydestä**

#### **General information**

Publication status: Published  
MoE publication type: D4 Published development or research report or study  
Organisations: School of Architecture  
Contributors: Siikaniemi, I.  
Number of pages: 47  
Publication date: 2012

#### **Publication information**

Place of publication: Tampere  
Publisher: Tampereen teknillinen yliopisto; EDGE; Pirkanmaan liitto; DEMO Ikärakenneneuvosto; Närpes stad; Tammerprint Oy  
ISBN (Electronic): 978-952-15-2988-7  
Original language: Finnish  
Electronic versions:

monikko\_narpio\_hyvinvointia\_yhteisollisyydesta.pdf

URLs:

<http://urn.fi/URN:ISBN:978-952-15-2988-7>

#### **Bibliographical note**

Contribution: organisation=ark ars,FACT1=1

Source: researchoutputwizard

Source ID: 5316

Research output: Book/Report › Commissioned report › Professional

#### **Turku - Kerrosten kesken**

##### **General information**

Publication status: Published

MoE publication type: D4 Published development or research report or study

Organisations: School of Architecture

Contributors: Kangasaho, T.

Number of pages: 39

Publication date: 2012

##### **Publication information**

Place of publication: Tampere

Publisher: Tampereen teknillinen yliopisto; EDGE; Pirkanmaan liitto; DEMO Ikärakenneneuvosto; Turun kaupunki;

Tammerprint Oy

ISBN (Electronic): 978-952-15-2990-0

Original language: Finnish

Electronic versions:

monikko\_turku\_kerrosten kesken.pdf

URLs:

<http://urn.fi/URN:ISBN:978-952-15-2990-0>

#### **Bibliographical note**

Poistettu tupla r=682<br/>Contribution: organisation=ark ars,FACT1=1

Source: researchoutputwizard

Source ID: 4409

Research output: Book/Report › Commissioned report › Professional

#### **Mikkeli - Asumista ihmisten ilmoilla**

##### **General information**

Publication status: Published

MoE publication type: D4 Published development or research report or study

Organisations: School of Architecture

Contributors: Savilepo, T.

Number of pages: 43

Publication date: 2012

##### **Publication information**

Place of publication: Tampere

Publisher: Tampereen teknillinen yliopisto; EDGE; Pirkanmaan liitto; DEMO Ikärakenneneuvosto; Mikkelin kaupunki;

Tammerprint Oy

ISBN (Electronic): 978-952-15-2986-3

Original language: Finnish

Electronic versions:

monikko\_mikkeli\_asumista\_ihmisten\_ilmoilla.pdf

URLs:

<http://urn.fi/URN:ISBN:978-952-15-2986-3>

#### **Bibliographical note**

Contribution: organisation=ark ars,FACT1=1

Source: researchoutputwizard

Source ID: 5287

Research output: Book/Report › Commissioned report › Professional

## **Chinese Superblock : A Study and Design Tools for Sustainable Urban Development in China**

The thesis studies Chinese superblock housing areas, which are exceptionally large and enclosed high-density residential areas. The superblock typology has been the main method for planning and constructing urban housing in China during the past three decades of rapid urbanization. After the Chinese economy opened up in 1978, Chinese-Western co-operation in Chinese projects has continuously increased. The co-operation is challenging due to very different cultural backgrounds. The thesis bridges the gap of the cross-cultural co-operation issues with a study approach respectful of cultural differences. The study enlightens the backgrounds of the superblock housing areas and analyses existing superblocks. The characteristics of the blocks are further explained from a Chinese perspective, through the Chinese culture. The study defines main challenges in relation to sustainable development issues. The superblock housing areas lack in human scale, and diversity of both the built form and the non-built areas. The environments prohibit pedestrianism and poorly meet the needs of contemporary Chinese urban life. Practical design tools have been created from the basis of the study to overcome the challenges. The design tools combine essential Chinese characteristics with two Western sustainable planning theories. The design concepts form a basis to start planning for sustainable urban housing in China.

### **General information**

Publication status: Published

MoE publication type: D4 Published development or research report or study

Organisations: School of Architecture

Contributors: Nieminen, S.

Number of pages: 96

Publication date: 2012

### **Publication information**

Publisher: Tampere University of Technology

ISBN (Print): 978-952-15-2782-1

ISBN (Electronic): 978-952-15-2782-1

Original language: English

### **Publication series**

Name: Tampere University of Technology. School of Architecture. Housing Design. Publication

Publisher: Tampere University of Technology

No.: 3

ISSN (Print): 2242-4598

Electronic versions:

nieminen.pdf

URLs:

<http://urn.fi/URN:ISBN:978-952-15-2782-1>

### **Bibliographical note**

Contribution: organisation=ark ars,FACT1=1

Source: researchoutputwizard

Source ID: 4918

Research output: Book/Report › Commissioned report › Professional

## **Askeleita kohti yhteisöasumista : Selvitys yhteisöasumisen muodoista ja toteuttamisesta : MONIKKO-hanke : Moninaisten yhteisöllisten asuin- ja toimintaympäristöjen kehittämispilotit**

Kädessäsi on MONIKKO-hankkeen tutkimusselvitys. "MONIKKO – Moninaisten yhteisöllisten asuin- ja toimintaympäristöjen kehittämispilotit" on työ- ja elinkeinoministeriön vuosina 2010 – 2011 tukeman ikärakennemuutosalueiden verkoston (DEMO) yhteistyöhanke. Hanke toteutettiin vuosina 2011 ja 2012. Sen tavoitteena on ollut koota yhteen olemassa olevaa ja tuottaa uutta tietoa yhteisöllisistä asuinympäristöistä, erilaisista yhteisömalleista sekä niiden toteutusmuodoista. Hanke muodostui kahdesta osa-alueesta, selvitys- ja suunnittelutyöstä. Selvitysosiossa tavoitteena oli tarkastella yhteisöllisyyttä asumisessa, erilaisten ympäristöjen ja tilaratkaisujen suhdetta yhteisöllisyyteen. Tavoitteena oli myös selvittää asuinyhteisöjen erilaisia toteutusmuotoja sekä toteutuksen ongelmakohtia. Erityistarkastelun kohteena oli asukkaiden rooli asuinyhteisöjen toteutuksessa. Aineisto muodostui eurooppalaisista toteutetuista asuinyhteisöistä, niihin lähetetystä kyselystä, asukkaiden ryhmähaastatteluista sekä tila-analyyseistä. Selvitysosan tuloksena syntyi tämä kirja. Suunnitteluosiossa laadittujen ideasuunnitelmien tarkoituksena on konkretisoida ja visualisoida yhteisöllisen asumisen potentiaalia Suomessa ja erityisesti hankkeen pilottikunnissa. Hankkeeseen osallistui kuusi DEMO-verkoston kuntaa, Loimaa, Mikkeli, Mänttä-Vilppula, Närpiö, Tampere ja Turku, joihin kuhunkin laadittiin kunnan osoittamalle alueelle ideasuunnitelmat yhteisöllisyyteen ja omatoimisuuteen perustuvista asumisratkaisuista. Suunnitelmat pureutuvat hyvin erilaisten kuntien, asukasryhmien ja rakennuspaikkojen tarpeisiin, ja painopisteet vaihtelevatkin vanhusten tuetusta asumisesta omatoimiseen ryhmärakennuttamiseen ja lähiön täydentämiseen. Tavoitteena on, että suunnitelmat toimivat paitsi työkaluina yhteisöllisen asumisen kehitystyön jatkamiselle pilottikunnissa, myös malleina asumisen kehittämiseksi ympäri Suomen. Kunnissa muodostettiin kuntakohtaiset projektiryhmät, jotka koostuivat vaihtelevasti kunnan eri toimialoja edustavista virkamiehistä, kunnallispolitiikoista, palveluasumisen yksiköiden

henkilökunnasta sekä paikallisista yrittäjistä ja yhdistystoimijoista. Pyrkimyksenä oli lisätä vuorovaikutteista keskustelua yhteisöasumisen kehittämiseen tähtäävistä teemoista kuntaorganisaation sisällä. Suunnittelu- ja selvitystyön ohella hankkeessa toteutettiin yhteisövierailumatka Tanskaan kuntien projektiryhmän jäsenten kanssa lokakuussa 2011, projektiryhmille suunnattu suunnitelmien esittelyseminaari maaliskuussa 2012 sekä kaikille avoin yhteisöllisen asumisen seminaari toukokuussa 2012. Hankkeen tutkijat ovat lisäksi osallistuneet yhteisöasumista käsitteleviin konferensseihin Toursissa Ranskassa maaliskuussa 2012 sekä Berliinissä Saksassa syyskuussa 2012.

#### General information

Publication status: Published  
MoE publication type: D4 Published development or research report or study  
Organisations: School of Architecture  
Contributors: Helamaa, A., Pylvänen, R.  
Number of pages: 177  
Publication date: 2012

#### Publication information

Publisher: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos  
ISBN (Print): 978-952-15-2981-8  
ISBN (Electronic): 978-952-15-2982-5  
Original language: Finnish

#### Publication series

Name: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos. Asuntosuunnittelu. Julkaisu  
Publisher: Tampereen teknillinen yliopisto  
Volume: 6  
ISSN (Print): 2242-4598  
Electronic versions:  
monikko\_askeleita\_kohti\_yhteisöasumista  
URLs:  
<http://urn.fi/URN:ISBN:978-952-15-2982-5>

#### Bibliographical note

Contribution: organisation=ark ars,FACT1=1  
Source: researchoutputwizard  
Source ID: 2288  
Research output: Book/Report › Commissioned report › Professional

### Loimaa - Kohtaamisia ja kulttuuria

#### General information

Publication status: Published  
MoE publication type: D4 Study  
Organisations: School of Architecture  
Contributors: Lankia, S.  
Number of pages: 39  
Publication date: 2012

#### Publication information

Place of publication: Tampere  
Publisher: Tampereen teknillinen yliopisto; EDGE; Pirkanmaan liitto; DEMO Ikärakenneneuvosto; Loimaa; Tammerprint Oy  
ISBN (Electronic): 978-952-15-2985-6  
Original language: Finnish  
Electronic versions:  
monikko\_loimaa\_kohtaamisia\_ja\_kulttuuria.pdf  
URLs:  
<http://urn.fi/URN:ISBN:978-952-15-2985-6>

#### Bibliographical note

Contribution: organisation=ark ars,FACT1=1  
Source: researchoutputwizard  
Source ID: 4647  
Research output: Book/Report › Commissioned report › Professional



## Mänttä-Vilppula - Vuosirenkaiden juhlaa

### General information

Publication status: Published  
MoE publication type: D4 Published development or research report or study  
Organisations: School of Architecture  
Contributors: Sivula, H.  
Number of pages: 43  
Publication date: 2012

### Publication information

Place of publication: Tampere  
Publisher: Tampereen teknillinen yliopisto; EDGE; Pirkanmaan liitto; DEMO Ikärakenneneuvosto; Mänttä-Vilppula taidekaupunki; Tammerprint Oy  
ISBN (Electronic): 978-952-15-2987-0  
Original language: Finnish  
Electronic versions:  
monikko\_mantta-vilppula\_vuosirenkaiden\_juhlaa.pdf  
URLs:  
<http://urn.fi/URN:ISBN:978-952-15-2987-0>

### Bibliographical note

Contribution: organisation=ark ars,FACT1=1  
Source: researchoutputwizard  
Source ID: 5332  
Research output: Book/Report › Commissioned report › Professional

## 60- ja 70-lukujen matalat tyyppitalot ja korjausrakentaminen

### General information

Publication status: Published  
MoE publication type: D4 Published development or research report or study  
Organisations: School of Architecture  
Contributors: Ruotsalainen, S.  
Number of pages: 16  
Publication date: 2011

### Publication information

Place of publication: Tampere  
Publisher: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos  
ISBN (Print): 978-952-15-2498-1  
ISBN (Electronic): 978-952-15-2499-8  
Original language: Finnish

### Publication series

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Publisher: Tampereen teknillinen yliopisto  
Volume: 3  
ISSN (Print): 1797-4143  
Electronic versions:  
60-\_ja\_70-lukujen\_matalat\_tyyppitalot.pdf  
URLs:  
<http://urn.fi/URN:NBN:fi:tty-201011261373>

### Bibliographical note

Contribution: organisation=ark,FACT1=1  
Source: researchoutputwizard  
Source ID: 7156  
Research output: Book/Report › Commissioned report › Professional

## Metropolialueen kestävä aluerakenne. METKA-hankkeen 2007-08 tiivistelmä

### General information

Publication status: Published

MoE publication type: D4 Published development or research report or study  
Organisations: School of Architecture  
Contributors: Laakso, S., Lahti, P., Lodenius, S., Moilanen, P.  
Publication date: 2011

#### **Publication information**

Publisher: Etelä-Suomen maakuntien liitto  
Original language: Finnish

#### **Publication series**

Name: Etelä-Suomen maakuntien liitto  
Publisher: Etelä-Suomen maakuntien liitto  
URLs:  
<http://www.metkaprojekti.info>

#### **Bibliographical note**

Contribution: organisation=ark ays,FACT1=1  
Source: researchoutputwizard  
Source ID: 6494  
Research output: Book/Report › Commissioned report › Professional

### **Keskikokoinen metapolis? Näköaloja osaamisvetoiseen kehittämiseen Seinäjoella**

#### **General information**

Publication status: Published  
MoE publication type: D4 Published development or research report or study  
Organisations: School of Architecture  
Contributors: Hynynen, A., Kolehmainen, J.  
Number of pages: 34  
Publication date: 2011

#### **Publication information**

Place of publication: Tampere  
Publisher: University of Tampere  
ISBN (Print): 978-951-44-8448-3  
Original language: Finnish

#### **Publication series**

Name: Tampereen yliopisto. Alueellisen kehittämisen tutkimusyksikkö. Sente työraportteja  
Publisher: Tampereen yliopisto  
Volume: 32/2011  
ISSN (Print): 1457-9995  
URLs:  
[http://www.uta.fi/laitokset/yhdt/sente/julkaisut/tyopaperit/Keskikokoinen\\_metapolis.pdf](http://www.uta.fi/laitokset/yhdt/sente/julkaisut/tyopaperit/Keskikokoinen_metapolis.pdf)

#### **Bibliographical note**

Contribution: organisation=ark ays,FACT1=1  
Source: researchoutputwizard  
Source ID: 6157  
Research output: Book/Report › Commissioned report › Professional

### **Näkemyksiä maaseudun tulevaisuuden maankäytöstä: Raportti Sitran Maamerkitohjelman maankäyttöpajasta**

#### **General information**

Publication status: Published  
MoE publication type: D4 Published development or research report or study  
Organisations: School of Architecture  
Contributors: Kolehmainen, J., Seppälä, M., Hynynen, A., Ranta, T., Uitto, A.  
Number of pages: 9  
Publication date: 2011

#### **Publication information**

Place of publication: Tampere  
Publisher: Tampereen yliopisto, Tampereen teknillinen yliopisto, MDI  
Original language: Finnish

URLs:

<http://www.sitra.fi/NR/rdonlyres/758A4C0D-1C64-4287-A9B3-EED4A9FC4DE6/0/Maank%C3%A4ytt%C3%B6raportti.pdf>

#### **Bibliographical note**

Contribution: organisation=ark ays,FACT1=1

Source: researchoutputwizard

Source ID: 6402

Research output: Book/Report › Commissioned report › Professional

#### **Monikeskuksisuuden monet todellisuudet**

##### **General information**

Publication status: Published

MoE publication type: D4 Published development or research report or study

Organisations: School of Architecture, School of Architecture

Contributors: Ylä-Anttila, K. (ed.), Hynynen, A., Vanhatalo, J., Mäntysalo, R., Kanninen, V. (ed.), Hytönen, J., Roininen, J., Akkila, I.

Number of pages: 98

Publication date: 2011

##### **Publication information**

Publisher: Sektoritutkimuksen neuvottelukunta, Alue- ja yhdyskuntarakenteet ja infrastruktuurit

Volume: 4-2011

Original language: Finnish

URLs:

[http://www.hare.vn.fi/upload/julkaisut/15733/4711\\_setu\\_4-2011.pdf](http://www.hare.vn.fi/upload/julkaisut/15733/4711_setu_4-2011.pdf)

Research output: Book/Report › Commissioned report › Professional

#### **Östersundomin osayleiskaavan kaupunkiekologinen ohjelma**

##### **General information**

Publication status: Published

MoE publication type: D4 Published development or research report or study

Organisations: School of Architecture

Contributors: Haila, Y., Joutsiniemi, A., Kervinen, M., Lodenius, S.

Number of pages: 86

Publication date: 2010

##### **Publication information**

Place of publication: Helsinki

Publisher: Helsingin kaupunkisuunnitteluvirasto

ISBN (Print): 978-952-223-761-3

Original language: Finnish

##### **Publication series**

Name: Helsingin kaupunkisuunnitteluviraston yleissuunniteluosaston selvityksiä

Publisher: Helsingin kaupunkisuunnitteluvirasto

Volume: 2010:3

ISSN (Print): 1458-9664

URLs:

[http://www.hel2.fi/ksv/julkaisut/yos\\_2010-3.pdf](http://www.hel2.fi/ksv/julkaisut/yos_2010-3.pdf)

#### **Bibliographical note**

Contribution: organisation=ark ays,FACT1=1

Source: researchoutputwizard

Source ID: 7981

Research output: Book/Report › Commissioned report › Professional

#### **Tottijärven kunnalla, maankäyttösuunnitelma Tottijärven kylälle**

##### **General information**

Publication status: Published

MoE publication type: D4 Published development or research report or study

Organisations: School of Architecture

Contributors: Heikkilä, H.  
Number of pages: 36  
Publication date: 2010

#### **Publication information**

Place of publication: Tampere  
Publisher: Kantri ry, Pirkan Helmi ry, Pirkanmaan TE-keskus, Tampereen teknillinen yliopisto. EDGE  
Original language: Finnish

#### **Publication series**

Name: Kylät kehällä -hanke, Kyläsuunnittelu kaupunkiseudun ulkokehällä  
Publisher: Kantri ry, Pirkan Helmi ry, Pirkanmaan TE-keskus, Tampereen teknillinen yliopisto. EDGE

#### **Bibliographical note**

Contribution: organisation=ark ays,FACT1=1  
Source: researchoutputwizard  
Source ID: 8028  
Research output: Book/Report > Commissioned report > Professional

### **Kylät kaupungin kupeessa - Lempäälän Nurmen ja Säijän kylät, maankäyttösuunnitelma 2009**

#### **General information**

Publication status: Published  
MoE publication type: D4 Published development or research report or study  
Organisations: School of Architecture  
Contributors: Sarjala, S.  
Number of pages: 60  
Publication date: 2010

#### **Publication information**

Place of publication: Tampere  
Publisher: Kantri ry, Pirkan Helmi ry, Pirkanmaan TE-keskus, Tampereen teknillinen yliopisto. EDGE  
Original language: Finnish

#### **Publication series**

Name: Kylät kehällä -hanke 2009  
Publisher: Kantri ry, Pirkan Helmi ry, Pirkanmaan TE-keskus, Tampereen teknillinen yliopisto. EDGE

#### **Bibliographical note**

Contribution: organisation=ark ays,FACT1=1  
Source: researchoutputwizard  
Source ID: 9232  
Research output: Book/Report > Commissioned report > Professional

### **Maankäyttösuunnitelma Haukilan alueelle 2009**

#### **General information**

Publication status: Published  
MoE publication type: D4 Published development or research report or study  
Organisations: School of Architecture  
Contributors: Mätäsniemi, T.  
Number of pages: 64  
Publication date: 2010

#### **Publication information**

Place of publication: Tampere  
Publisher: Kantri ry, Pirkan Helmi ry, Pirkanmaan TE-keskus, Tampereen teknillinen yliopisto. EDGE  
Original language: Finnish

#### **Publication series**

Name: Kylät kehällä -hanke, Kyläsuunnittelu kaupunkiseudun ulkokehällä  
Publisher: Kantri ry, Pirkan Helmi ry, Pirkanmaan TE-keskus, Tampereen teknillinen yliopisto. EDGE

#### **Bibliographical note**

Contribution: organisation=ark ays,FACT1=1

Source: researchoutputwizard  
Source ID: 8765  
Research output: Book/Report › Commissioned report › Professional

### **Pikkukaupunkien virikekirja**

#### **General information**

Publication status: Published  
MoE publication type: D4 Published development or research report or study  
Organisations: School of Architecture  
Contributors: Karpinen, S., Hynynen, A., Korkka, A., Pylvänen, R.  
Number of pages: 110  
Publication date: 2010

#### **Publication information**

Place of publication: Tampere  
Publisher: KOKO-ohjelman DEMO- ja MAL-verkostot, Tampereen teknillinen yliopisto. EDGE arkkitehtuuri- ja kaupunkitutkimuslaboratorio, Ylä-Pirkanmaan seutuyhdistys  
ISBN (Print): 978-952-15-2423-3  
Original language: Finnish

#### **Bibliographical note**

Contribution: organisation=ark ays,FACT1=1  
Source: researchoutputwizard  
Source ID: 8300  
Research output: Book/Report › Commissioned report › Professional

### **Maankäyttösuunnitelma Pirkkalankylään**

#### **General information**

Publication status: Published  
MoE publication type: D4 Published development or research report or study  
Organisations: School of Architecture  
Contributors: Virtanen, J.  
Number of pages: 60  
Publication date: 2010

#### **Publication information**

Place of publication: Tampere  
Publisher: Kantri ry, Pirkan Helmi ry, Pirkanmaan TE-keskus, Tampereen teknillinen yliopisto. EDGE  
Original language: Finnish

#### **Publication series**

Name: Kylät kehällä -hanke 2009  
Publisher: Kantri ry, Pirkan Helmi ry, Pirkanmaan TE-keskus, Tampereen teknillinen yliopisto. EDGE

#### **Bibliographical note**

Contribution: organisation=ark ays,FACT1=1  
Source: researchoutputwizard  
Source ID: 9589  
Research output: Book/Report › Commissioned report › Professional

### **Ritvala raikaa - historiaa ja nykyaikaa; Ritvalan kylän maankäyttösuunnitelma**

#### **General information**

Publication status: Published  
MoE publication type: D4 Published development or research report or study  
Organisations: School of Architecture  
Contributors: Iivari-Hirvelä, M.  
Number of pages: 67  
Publication date: 2010

#### **Publication information**

Place of publication: Tampere

Publisher: Kantri ry, Pirkan Helmi ry, Pirkanmaan TE-keskus, Tampereen teknillinen yliopisto. EDGE  
Original language: Finnish

#### **Publication series**

Name: Kylät kehällä -hanke 2009

Publisher: Kantri ry, Pirkan Helmi ry, Pirkanmaan TE-keskus, Tampereen teknillinen yliopisto. EDGE

#### **Bibliographical note**

Contribution: organisation=ark ays,FACT1=1

Source: researchoutputwizard

Source ID: 8145

Research output: Book/Report › Commissioned report › Professional

### **Kulttuurimaiseman asukit - suunnitelmia Saarioispuolelle**

#### **General information**

Publication status: Published

MoE publication type: D4 Published development or research report or study

Organisations: School of Architecture

Contributors: Hakula, A.

Number of pages: 76

Publication date: 2010

#### **Publication information**

Place of publication: Tampere

Publisher: Kantri ry, Pirkan Helmi ry, Pirkanmaan TE-keskus, Tampereen teknillinen yliopisto. EDGE

Original language: Finnish

#### **Publication series**

Name: Kylät kehällä -hanke 2009

Publisher: Kantri ry, Pirkan Helmi ry, Pirkanmaan TE-keskus, Tampereen teknillinen yliopisto. EDGE

#### **Bibliographical note**

Contribution: organisation=ark ays,FACT1=1

Source: researchoutputwizard

Source ID: 7989

Research output: Book/Report › Commissioned report › Professional

### **Arkkitehtuurin laidalta**

#### **General information**

Publication status: Published

MoE publication type: D4 Published development or research report or study

Organisations: School of Architecture

Contributors: Mänty, J.

Number of pages: 199

Publication date: 2010

#### **Publication information**

Place of publication: Tampere

Publisher: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos

ISBN (Print): 978-952-15-2282

Original language: Finnish

#### **Bibliographical note**

Contribution: organisation=ark ays,FACT1=1

Source: researchoutputwizard

Source ID: 8743

Research output: Book/Report › Commissioned report › Professional

### **Länsiradan maankäytön kehityskuvaselvitys Espoo-Kirkkonummi-Vihti-Lohja**

#### **General information**

Publication status: Published

MoE publication type: D4 Published development or research report or study  
Organisations: School of Architecture  
Contributors: Kotilainen, H., Lodenius, S., Pesonen, H.  
Publication date: 2009

#### **Publication information**

Place of publication: Oulu  
Publisher: Unknown Publisher  
Original language: Finnish

#### **Publication series**

Name: Espoon, Helsingin ja Lohjan kaupungit, Kirkkonummen ja Viindein kunnat, Uudenmaan liitto, Uudenmaan tiepiiri ja Ratahallintokeskus

#### **Bibliographical note**

Contribution: organisation=ark ays,FACT1=1  
Source: researchoutputwizard  
Source ID: 10533  
Research output: Book/Report > Commissioned report > Professional

### **Keski-Uudenmaan KUUMA-kuntien kehitys- ja ympäristökuva, Hyvinkäätä koskeva laajennusosio, 2005**

#### **General information**

Publication status: Published  
MoE publication type: D4 Published development or research report or study  
Organisations: Yhdyskuntasuunnittelu  
Contributors: Lodenius, S., Silfverberg, B., Santasalo, T.  
Publication date: 2006

#### **Publication information**

Publisher: Unknown Publisher  
Original language: Finnish  
URLs:  
[http://www.uudenmaanliitto.fi/files/883/HyvVisio\\_raportti\\_2006.pdf](http://www.uudenmaanliitto.fi/files/883/HyvVisio_raportti_2006.pdf)

#### **Bibliographical note**

Contribution: organisation=ays,FACT1=1  
Source: researchoutputwizard  
Source ID: 16987  
Research output: Book/Report > Commissioned report > Professional

### **Mouhijärven kirjasto - suunnitelmasta toteutukseen.**

#### **General information**

Publication status: Published  
MoE publication type: D4 Published development or research report or study  
Organisations: Yhdyskuntasuunnittelu  
Contributors: Iltanen, S.  
Publication date: 2004

#### **Publication information**

Publisher: Unknown Publisher  
Original language: Finnish

#### **Bibliographical note**

Contribution: organisation=ays,FACT1=1  
Source: researchoutputwizard  
Source ID: 20253  
Research output: Book/Report > Commissioned report > Professional

### **Kohtuuhintainen asuminen. Ratkaisuperiaatteita rakennussuunnitteluun.**

#### **General information**

Publication status: Published

MoE publication type: D5 Text book, professional manual or guide or a dictionary  
Organisations: Architecture, Research group: ASUTUT  
Contributors: Teronen, T., Tarpio, J., Hirvilammi, T.  
Number of pages: 116  
Publication date: 21 Dec 2018

#### **Publication information**

Place of publication: Tampere  
Publisher: Tampereen teknillinen yliopisto. Arkkitehtuurin laboratorio  
ISBN (Electronic): 978-952-15-4278-7  
Original language: Finnish

#### **Publication series**

Name: Edit Tampereen teknillinen yliopisto. Arkkitehtuurin laboratorio. Asuntosuunnittelu. Julkaisu  
No.: 31  
ISSN (Print): 2242-4598

#### **Bibliographical note**

INT=ark,"Teronen, Tommi"  
Research output: Book/Report › Book › Professional

### **Energiatehokkaan arkkitehtisuunnittelun ohjekortisto**

#### **General information**

Publication status: Published  
MoE publication type: D5 Text book, professional manual or guide or a dictionary  
Organisations: Architecture, Research group: ASUTUT  
Contributors: Moisio, M., Kaasalainen, T., Lehtinen, T., Hedman, M.  
Number of pages: 142  
Publication date: Dec 2018

#### **Publication information**

Publisher: Tampereen teknillinen yliopisto. Arkkitehtuurin laboratorio  
ISBN (Print): 978-952-15-4284-8  
ISBN (Electronic): 978-952-15-4285-5  
Original language: Finnish

#### **Publication series**

Name: Tampereen teknillinen yliopisto. Arkkitehtuurin laboratorio. Asuntosuunnittelu. Julkaisu  
Volume: 32  
ISSN (Print): 2242-4598  
ASJC Scopus subject areas: Architecture , Renewable Energy, Sustainability and the Environment  
Keywords: Energy efficiency, Architectural design, Service buildings, Building simulation  
Electronic versions:  
Moisio et al. 2018. Energiatehokkaan arkkitehtisuunnittelun ohjekortisto  
URLs:  
<http://urn.fi/URN:NBN:fi:tyy-201901221135>  
Research output: Book/Report › Book › Professional

### **Ikääntyneiden tehostettu palveluasuminen: Tilallisten ratkaisujen tehokkuudesta ja toimivuudesta**

#### **General information**

Publication status: Published  
MoE publication type: D5 Text book, professional manual or guide or a dictionary  
Organisations: Architecture, Research group: ASUTUT  
Contributors: Kaasalainen, T., Lehtinen, T., Moisio, M., Hedman, M.  
Number of pages: 62  
Publication date: Dec 2018

#### **Publication information**

Place of publication: Tampere  
Publisher: Tampereen teknillinen yliopisto. Arkkitehtuurin laboratorio  
ISBN (Electronic): 978-952-15-4286-2  
Original language: Finnish



### Publication series

Name: Tampereen teknillinen yliopisto. Arkkitehtuurin laboratorio. Asuntosuunnittelu. Julkaisu

No.: 33

ISSN (Print): 2242-4598

ASJC Scopus subject areas: Architecture , Geriatrics and Gerontology

Keywords: Elderly care, Assisted living, Housing design, Service buildings

Electronic versions:

Kaasalainen et al. 2018. Ikääntyneiden tehostettu palveluasuminen

URLs:

<http://urn.fi/URN:ISBN:978-952-15-4286-2>

Research output: Book/Report › Book › Professional

### Peruskoulut ja energiatehokkuus: Tilallisista ja toiminnallisista suunnitteluperiaatteista

#### General information

Publication status: Published

MoE publication type: D5 Text book, professional manual or guide or a dictionary

Organisations: Architecture, Research group: ASUTUT

Contributors: Lehtinen, T., Papinsaari, A., Kaasalainen, T., Moisio, M., Hedman, M.

Number of pages: 86

Publication date: Dec 2018

#### Publication information

Publisher: Tampereen teknillinen yliopisto. Arkkitehtuurin laboratorio

ISBN (Electronic): 978-952-15-4287-9

Original language: Finnish

### Publication series

Name: Tampereen teknillinen yliopisto. Arkkitehtuurin laboratorio. Asuntosuunnittelu. Julkaisu

Volume: 34

ISSN (Print): 2242-4598

ASJC Scopus subject areas: Architecture , Renewable Energy, Sustainability and the Environment

Keywords: Energy efficiency, Architectural design, School building, Service buildings

Electronic versions:

Lehtinen et al. 2018. Peruskoulut ja energiatehokkuus

URLs:

<http://urn.fi/URN:ISBN:978-952-15-4287-9>

Research output: Book/Report › Book › Professional

### Ei ainoastaan leivästä: Ruoka, kokemus ja moniaistisuus

#### General information

Publication status: Published

MoE publication type: D5 Text book, professional manual or guide or a dictionary

Organisations: Architecture, Taideyliopiston Sibelius Akatemia, Seinäjoen Ammattikorkeakoulu, Turun yliopisto,

Functional Foods Forum, University of Oslo, Faculty of Medicine, 22.10.2010, University of Turku, Turun Yliopisto/Turun

Biomateriaalikeskus

Contributors: Hynynen, A., Hopia, A., Uimonen, H., Pitkäkoski, T., Aaltojärvi, I., Paakki, M., Kontukoski, M.

Number of pages: 92

Publication date: 2018

#### Publication information

Publisher: Tampereen teknillinen yliopisto. Arkkitehtuurin laboratorio

ISBN (Print): 978-952-15-4110-0

ISBN (Electronic): 978-952-15-4111-7

Original language: Finnish

Electronic versions:

Ei\_ainoastaan\_leivästä

URLs:

<http://urn.fi/URN:ISBN:978-952-15-4111-7>

Research output: Book/Report › Book › Professional

## Vaasa's wooden tower of innovation

### General information

Publication status: Published  
MoE publication type: D5 Text book, professional manual or guide or a dictionary  
Organisations: Architecture  
Contributors: Karjalainen, M., Pesonen, M.  
Number of pages: 65  
Publication date: 2018

### Publication information

Place of publication: Tampere  
Publisher: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos. Rakennusoppi  
Volume: 10  
ISBN (Print): 978-952-15-4158-2  
Original language: Finnish  
Research output: Book/Report › Book › Professional

## Järviluontokeskus Tampere, Lake Nature Center Tampere

### General information

Publication status: Published  
MoE publication type: D5 Text book, professional manual or guide or a dictionary  
Organisations: Architecture, Research group: Built Environment in Transition  
Contributors: Karjalainen, M. (ed.), Pesonen, M. (ed.)  
Number of pages: 59  
Publication date: 2017

### Publication information

Place of publication: Tampere  
Publisher: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos. Rakennusoppi  
ISBN (Print): 978-952-15-3958-9  
Original language: Finnish  
Research output: Book/Report › Book › Professional

## Hiedanrannan kehittämissisio: Tiivis ja intensiivisesti vihreä Tampere City West

### General information

Publication status: Published  
MoE publication type: D5 Text book, professional manual or guide or a dictionary  
Organisations: School of Architecture, Research group: Built Environment in Transition, Research group: Urban Planning Theory, Department of Civil Engineering, Research group: Service Life Engineering of Structures, Department of Chemistry and Bioengineering, Research group: Industrial Bioengineering and Applied Organic Chemistry  
Contributors: Lehtovuori, P., Edelman, H., Rintala, J., Jokinen, A., Rantanen, A., Särkilahti, M., Joensuu, T.  
Number of pages: 75  
Publication date: 4 Mar 2016

### Publication information

Publisher: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos  
ISBN (Print): 978-952-15-3712-7  
ISBN (Electronic): 978-952-15-3713-4  
Original language: Finnish

### Publication series

Name: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos. Julkaisu  
Volume: 10  
ISSN (Print): 1797-4143  
Electronic versions:  
Hiedanrannan kehittämissisio  
URLs:  
<http://urn.fi/URN:ISBN:978-952-15-3713-4>  
Research output: Book/Report › Book › Professional

## Development vision for Hiedanranta: Densely-built and intensively green Tampere City West

### General information

Publication status: Published

MoE publication type: D5 Text book, professional manual or guide or a dictionary

Organisations: School of Architecture, Research group: Built Environment in Transition, Research group: Urban Planning Theory, Department of Civil Engineering, Research group: Service Life Engineering of Structures, Department of Chemistry and Bioengineering, Research group: Industrial Bioengineering and Applied Organic Chemistry

Contributors: Lehtovuori, P., Edelman, H., Rintala, J., Jokinen, A., Rantanen, A., Särkilahti, M., Joensuu, T.

Number of pages: 76

Publication date: 2 Mar 2016

### Publication information

Publisher: Tampere University of Technology. School of Architecture

ISBN (Electronic): 978-952-15-3739-4

Original language: English

### Publication series

Name: Tampere University of Technology. School of Architecture. Publication

Volume: 11

ISSN (Print): 1797-4143

Electronic versions:

Development vision for Hiedanranta

URLs:

<http://urn.fi/URN:ISBN:978-952-15-3739-4>

Research output: Book/Report > Book > Professional

## Talopaletti: Ratkaisumalleja urbaaniin pientaloasumiseen

### General information

Publication status: Published

MoE publication type: D5 Text book, professional manual or guide or a dictionary

Organisations: School of Architecture, Research group: ASUTUT

Contributors: Hedman, M., Heino, J., Tarpio, J., Teronen, T.

Number of pages: 263

Publication date: 29 Feb 2016

### Publication information

Publisher: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos

ISBN (Print): 978-952-15-3696-0

ISBN (Electronic): 978-952-15-3697-7

Original language: Finnish

### Publication series

Name: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos. Asuntosuunnittelu. Julkaisu

Publisher: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos

Volume: 24

ISSN (Print): 2242-4598

Electronic versions:

talopaletti\_pdf

URLs:

<http://urn.fi/URN:ISBN:978-952-15-3697-7>

Research output: Book/Report > Book > Professional

## Book of Abstracts - 13th AESOP Complexity and Planning Thematic Group Meeting: Complexity and Digitalisation of Cities - Challenges for Urban Planning and Design

### General information

Publication status: Published

MoE publication type: D5 Text book, professional manual or guide or a dictionary

Organisations: School of Architecture, Research group: Urban Planning Theory

Contributors: Partanen, J. (ed.)

Publication date: 2015

**Publication information**

Publisher: Tampere University of Technology. School of Architecture

ISBN (Electronic): 978-952-15-3449-2

Original language: English

Electronic versions:

AESOP\_PC2015\_BOOK\_OF\_ABSTRACTS

URLs:

<http://urn.fi/URN:ISBN:978-952-15-3449-2>

Research output: Book/Report › Anthology › Scientific