

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

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

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
Portfolio EDEND: 2013-10-29
Publisher name: Betoniteollisuus ry
Source: researchoutputwizard

Source ID: 3143

Research output: Contribution to journal › Article › Professional

Yksilö yhteisössä: Ikääntyneiden yksinäisyyden vähentäminen yhteisöllisellä asumisella

Loneliness is a current phenomenon in the Finnish society that has been discussed more recently in the public discourse. Loneliness can have an impact on any individual and has an extensive influence on the well-being of a person. This thesis is focused on the loneliness experienced by Finnish elderly living at home or in assisted care. It has been discovered in this thesis that experience of the loneliness and housing solutions are strongly linked. Housing solutions can either enhance or reduce the experience of loneliness.

Home and the relationship the resident has with his/her home is important to the wellbeing of the elderly. Home is often associated with different kinds of meanings and the relationship between home and ageing resident is discussed in this thesis. The idea of ageing in place has been accepted as the best solution to solve the future housing of the elderly by both society and elderly themselves. Ageing in place ensures the self-determination and independency of the elderly but does not solve the loneliness experienced by the elderly. Thus ageing in community is proposed as solution to the loneliness in this thesis. The proposed co-housing concept offers the possibility to age at home in a familiar environment but with the help of community and neighborhood.

The thesis is divided into three parts. Loneliness and co-housing are discussed in regards of different theories in the research section of the work. The themes discussed in the research section are loneliness, the experience of loneliness in relation to the environment and co-housing. Model for housing which is based on the themes found in the research section is constructed in the concept section of the thesis. Last section of the thesis consists of the application of the housing concept on one chosen planning area. The housing plan is based on the Architectural student competition Rääkkylän Mummola which was held in spring 2016. The purpose of the competition was to find housing solutions for 55+ residents. The proposed plan in this thesis is developed based on the themes found in research section and comments made in the review of the competition entries.

General information

Publication status: Published

MoE publication type: G2 Master's thesis, polytechnic Master's thesis

Organisations: Architecture

Contributors: Rusanen, M.

Number of pages: 154

Publication date: 16 May 2017

Publication information

Publisher: Tampereen teknillinen yliopisto

ISBN (Print): 978-952-15-3948-0

ISBN (Electronic): 978-952-15-3949-7

Original language: Finnish

Publication series

Name: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos. Asuntosuunnittelu. Julkaisu

Volume: 27

ISSN (Print): 2242-4598

Electronic versions:

Rusanen

URLs:

<http://urn.fi/URN:ISBN:978-952-15-3949-7>

Research output: Book/Report › Master's Thesis › Scientific

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 tulevaisuuden 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
Portfolio EDEND: 2013-12-29
Source: researchoutputwizard
Source ID: 2287

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Professional

Yhteisöasumista Tammelaan; Näyttely TTY:n arkkitehtuurin laitoksen harjoitustöistä: Sampolan työväenopiston aula, Tampere 26.4.-16.5.2010

General information

Publication status: Published
MoE publication type: F1 Published independent work of art
Organisations: School of Architecture
Contributors: Hedman, M., Helamaa, A.
Publication date: 2010
Media of output: Print

Bibliographical note

Poistettu tupla r=1269
Contribution: organisation=ark ars,FACT1=1
Source: researchoutputwizard
Source ID: 8027

Research output: Artistic and non-textual form › Design › Solo art production

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
Portfolio EDEND: 2013-12-29
Source: researchoutputwizard
Source ID: 2430

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

Yhdyskuntarakenne muokkaa lasten ja nuorten liikumista

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

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
Portfolio EDEND: 2014-12-30
Publisher name: Suomen Arkkitehtiliitto
Source: researchoutputwizard
Source ID: 447
Research output: Contribution to journal › Article › Professional

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
Contribution: organisation=ark ays,FACT1=1
Source: researchoutputwizard
Source ID: 6446
Research output: Book/Report › Anthology › Scientific › peer-review

Wooden Boat Centre Kotka: L'Arca

General information

Publication status: Published
MoE publication type: F1 Published independent work of art
Organisations: School of Architecture

Contributors: Lahdelma, I., Mahlamäki, R.
Publication date: 2011
Media of output: Print

Bibliographical note

Contribution: organisation=ark aht,FACT1=1
Source: researchoutputwizard
Source ID: 6511
Research output: Artistic and non-textual form › Design › Solo art production

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

Wien – edullisen mutta laadukkaan asumisen Wunderland: Blogikirjoitus

General information

Publication status: Published
MoE publication type: E1 Popularised article, newspaper article
Organisations: Architecture
Contributors: Tarpio, J.
Publication date: 9 Oct 2017
Peer-reviewed: Unknown

Publication information

Journal: Dwellers in Agile Cities -sivusto
Original language: Finnish
URLs:
<http://www.agilecities.fi/2017/10/09/wien-edullisen-mutta-laadukkaan-asumisen-wunderland/>
URLs:
<http://www.agilecities.fi/>
Research output: Contribution to journal › Article › General public

Where Do you Start to Design a Dwelling?

General information

Publication status: Published
Organisations: School of Architecture
Contributors: Kotilainen, S.
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
Portfolio EDEND: 2014-12-30
Publisher name: ARACNE

Source: researchoutputwizard

Source ID: 797

Research output: Chapter in Book/Report/Conference proceeding › Other chapter 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

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 Yliopistokiinteistö Oy

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

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Professional

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
Portfolio EDEND: 2015-01-11
Source: researchoutputwizard
Source ID: 1261
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Waterfront and maritime museum: Lahdelma & Mahlamäki architects

General information

Publication status: Published
MoE publication type: F1 Published independent work of art
Organisations: School of Architecture
Contributors: Nurmi, T., Lahdelma, I., Mahlamäki, R.
Publication date: 2010
Media of output: Print

Bibliographical note

Nurmi, T.(ed.).Architectural design: Lahdelma, I. & Mahlamäki, R.
Contribution: organisation=ark aht,FACT1=1
Source: researchoutputwizard
Source ID: 8876
Research output: Artistic and non-textual form › Design › Solo art production

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)
Contribution: organisation=ark ays,FACT1=0.5
Contribution: organisation=keb bio,FACT2=0.5
Source: researchoutputwizard
Source ID: 4282
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
Contribution: organisation=ark ays,FACT1=0.33
Contribution: organisation=keb bio,FACT2=0.67
Source: researchoutputwizard
Source ID: 6155
Research output: Book/Report > Anthology > Scientific > peer-review

Voisiko aluesuunnittelu olla designia?

General information

Publication status: Published
MoE publication type: E1 Popularised article, newspaper article
Organisations: School of Architecture
Contributors: Hynynen, A.
Publication date: 2011
Peer-reviewed: Unknown

Publication information

Journal: Helsingin sanomat
ISSN (Print): 0355-2047
Original language: Finnish

Bibliographical note

Poistettu tupla r=4000
Contribution: organisation=ark ays,FACT1=1
Source: researchoutputwizard
Source ID: 6154
Research output: Contribution to journal > Article > General public

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

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

JUF0ID=54540

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

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

Virkkulan Seniorikylä: Virikkeellisen yhteisöasumisen konsepti ikääntyville

General information

Publication status: Published

MoE publication type: G2 Master's thesis, polytechnic Master's thesis

Organisations: School of Architecture

Contributors: Tero, W.

Number of pages: 99

Publication date: 5 Jun 2013

Publication information

Publisher: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos

Original language: Finnish

Publication series

Name: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos. Asuntosuunnittelu. Julkaisu

Volume: 10

ISSN (Print): 2242-4598

Electronic versions:

weman

URLs:

<http://URN.fi/URN:ISBN:978-952-15-3032-6>

Research output: Book/Report › Master's Thesis › Scientific

Villa Ornäs in 7 opetusta

General information

Publication status: Published

MoE publication type: E1 Popularised article, newspaper article

Organisations: School of Architecture

Contributors: Saatsi, P.

Number of pages: 5

Pages: 42-46

Publication date: 2013

Peer-reviewed: Unknown

Publication information

Journal: Glorian antiikki

Issue number: 3
ISSN (Print): 1238-5654
Original language: Finnish

Bibliographical note

Contribution: organisation=ark,FACT1=1
Portfolio EDEND: 2013-10-29
Publisher name: Sanoma Magazines Finland Corporation
Source: researchoutputwizard
Source ID: 3331
Research output: Contribution to journal › Article › General public

Vertaisytteiskunta: MediaPyhät; Kaunis kansalainen, Galleria Rajatila, 28.12.2010-2.1. 2011, Tampere

General information

Publication status: Published
MoE publication type: F1 Published independent work of art
Organisations: School of Architecture
Contributors: Alatalo, E.
Publication date: 2011
Media of output: Print

Bibliographical note

Contribution: organisation=ark ays,FACT1=1
Source: researchoutputwizard
Source ID: 5681
Research output: Artistic and non-textual form › Design › Solo art production

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
Contribution: organisation=ark aht,FACT1=1
Source: researchoutputwizard
Source ID: 6781
Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific

Verkosto kaupunkirakenteen analyysin ja suunnittelun välineenä

In international debate on urban planning and design during the past ten years, the predominant idea has been that cities have entered a new phase of transformation. This has meant both a qualitative and a quantitative change. The new urban form consists of multiple centralities, and its space–time relationships and the functional networks have become reorganised. In its traditional, clearly delineated form the city no longer exists; rather, we now have sprawling urban regions that are complex combinations of several overlapping and intersecting, multiple flows, networks and life–worlds. As cities change, the tools used in researching and designing them need to change. This thesis examines the possibilities and benefits of network-based approaches in the analysis and design of urban form. For twenty years, the network has been one of the central metaphors of scientific debate and a tool that has replaced the previous conceptual constructions of different disciplines that emphasised hierarchy and vertical relationships. This thesis attempts above all to find out the scope and possibilities of network thinking in the study of urban form and its transformation – and synthesise it in order to find out how the sociospatial dynamics of the new, poly-centric urban form can be grasped on the macromorphological level of the city. In order to develop further the network-based approach, the traditions of network thinking in various spatial disciplines have been combined into a unified, three-level topomorphological analysis framework. This combination synthesises both the morphological, geographical and sociotechnical network analysis models, and their detailed analysis

methods. The analysis of urban form that traditionally only included the physical dimension, is expanded to include analysis of the sociospatial projects, flows and densities located in the town. The applicability of this analysis combination was tested in a case analysis on the City of Tampere during the cross-section years 1960, 1980 and 2000. Also, as a result of the Tampere case analysis, a unique Finnish metropolisation process is sketched, showing that, in spite of the expansion of the physical structure, the overall structure is still quite mono-centric. New centralities are definitely born, but almost exclusively due to the change in the scale and the location of retail units. It is evident, in turn, that this location change is based on a scalar jump in the road network and on a preference for locations at the nodes with the best accessibility. The discussion of the case analysis shows that the network concept is well suited to analysing the complex urban form of city regions and to examining the changes in their structure. The network is not only a tool that appropriately simplifies the analysis of complex entities, but also a flexible tool for analysing the various levels of sociospatial processes, such as the functional nodalities and transaction processes in towns. Moreover, the network concept also appears to open up new prospects for the strategies and tactics in urban planning and design. The thesis is concluded by a proposal that combines different examples of strategies and tactics, with the aim of creating new innovations at the nodes and interfaces of the network of urban structure, in order to promote structural integration and thus increase the multiple usability of cities.

General information

Publication status: Published
MoE publication type: G4 Doctoral dissertation (monograph)
Organisations: School of Architecture
Contributors: Ylä-Anttila, K.
Number of pages: 226
Publication date: 26 Mar 2010

Publication information

Place of publication: Tampere
Publisher: Tampere University of Technology
ISBN (Print): 978-952-15-2322-9
ISBN (Electronic): 978-952-15-2558-2
Original language: Finnish
Electronic versions:
yla-anttila.pdf
URLs:
<http://urn.fi/URN:NBN:fi:tty-201104081173>

Bibliographical note

Awarding institution: Tampere University of Technology
Source: researchoutputwizard
Source ID: 9650
Research output: Book/Report › Doctoral thesis › Monograph

Venetsia biennial of architecture: Suomen Luontokeskus Haltia

General information

Publication status: Published
MoE publication type: F1 Published independent work of art
Organisations: Architecture, Research group: Architecture: History and Theory
Contributors: Lahdelma, I.
Publication date: 28 May 2016
Research output: Artistic and non-textual form › Exhibition › Solo art production › peer-review

VASARA for MapInfo

General information

Publication status: Published
MoE publication type: I2 ICT software
Organisations: School of Architecture, Research group: EDGE
Contributors: Joutsiniemi, A., Vanhatalo, J.
Publication date: 2015
Media of output: Other
Research output: Artistic and non-textual form › Software › Scientific

VÄRI - maalausnäyttely Galleria Bronda, Helsinki solo exhibition of paintings

General information

Publication status: Published

MoE publication type: F1 Published independent work of art

Organisations: Architecture

Contributors: Soini, K.

Publication date: 2 Jun 2020

Media of output: Other

Keywords: exhibition, painting

Additional files:

Kaisa Soini, invitation to exhibition and its opening event

URLs:

<http://www.bronda.fi/nayttely/246> (gallery website link of this exhibition)

<https://kaisasoini.fi/varista/>

<https://kaisasoini.fi/en/color/> (link to this exhibition in Kaisa Soini- web site)

Research output: Artistic and non-textual form › Exhibition › Solo art production

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

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
Portfolio EDEND: 2015-01-10

Source: researchoutputwizard

Source ID: 523

Research output: Contribution to journal › Article › Professional

Vanha rakennuskanta: kestävä kaupunkistumisen 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

Vanhan korjaaminen on ekologista rakentamista

General information

Publication status: Published
MoE publication type: E1 Popularised article, newspaper article
Organisations: Architecture, Research group: Built Environment in Transition, Suomen Arkkitehtiliitto SAFA
Contributors: Helander, H., Huuhka, S.
Publication date: 6 Jul 2019
Peer-reviewed: Unknown

Publication information

Journal: Helsingin sanomat
Volume: 2019
Issue number: 178
ISSN (Print): 0355-2047
Original language: Finnish
URLs:
<https://www.hs.fi/mielipide/art-2000006164301.html>
Research output: Contribution to journal › Article › General public

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:ty-201612294924>

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

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

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

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
Portfolio EDEND: 2014-09-16
Source: researchoutputwizard
Source ID: 601
Research output: Book/Report > Commissioned report > Professional

Uutta Arkkitehtuuria: Tampereen pääkirjasto Metso 2007

General information

Publication status: Published
MoE publication type: F1 Published independent work of art
Organisations: Yhdyskuntasuunnittelu
Contributors: Iltanen, S.
Publication date: 2007
Media of output: Print

Bibliographical note

Contribution: organisation=ays,FACT1=1
Source: researchoutputwizard
Source ID: 14398
Research output: Artistic and non-textual form > Design > Solo art production

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

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/>

Bibliographical note

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

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

Uusi arkkitehtuuri/The New Architecture

General information

Publication status: Published
MoE publication type: F1 Published independent work of art
Organisations: School of Architecture
Contributors: Karala, S., Hietakorpi, L., Manka, J., Poutanen, J., Hyyppä, A., Virtanen, J.
Publication date: 2011
Media of output: Print

Bibliographical note

Contribution: organisation=ark ars,FACT1=1

Source: researchoutputwizard
Source ID: 6300
Research output: Artistic and non-textual form › Design › Solo art production

Uudet talot puntarissa

General information

Publication status: Published
MoE publication type: E1 Popularised article, newspaper article
Organisations: School of Architecture
Contributors: Kiuru, T., Tarpio, J., Lommi, J.
Number of pages: 8
Pages: 54-61
Publication date: Feb 2016
Peer-reviewed: Unknown

Publication information

Journal: Meidän talo
Volume: 2016
Issue number: 2
ISSN (Print): 1455-2825
Original language: Finnish
Research output: Contribution to journal › Article › General public

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

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., Annala, 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/@I912/@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

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

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

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

Publication date: 13 Dec 2019

Peer-reviewed: Yes

Publication information

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

Urban metaMorphology Lab Tampere

General information

Publication status: Published

MoE publication type: I1 Audiovisual material

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

Contributors: Cerrone, D., Lehtovuori, P.

Publication date: 2017

Media of output: Online

Keywords: workshop, metamorphology, urban morphology, summer school, urban planning, architecture, cultural analytics

URLs:

<http://www.spinunit.eu/metamorphology-tampere/>

Research output: Artistic and non-textual form › Web publication/site › Scientific

Urbanismi voimavarana. Kaupungistumisen näkymiä provinssissa.

Kaupungistuminen on maailmanlaajuinen vahva megatrendi, joka liitetään ilmiönä useimmiten suurkaupunkeihin. Helposti unohtuu urbanisaation hennompi 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 muutosnäkyviä 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 keskustauudistuksina. Tulevaisuudessa maaseutu ja kaupunki voidaan limittää myös monitasoisesti, tavalla, joka rikastaa "Ruokaprovinssin" 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 laatuvaikutukset 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

Research output: Chapter in Book/Report/Conference proceeding > Chapter > Professional

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

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

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
Contribution: organisation=rak,FACT1=0.34
Contribution: organisation=tte,FACT2=0.33
Contribution: organisation=ark ays,FACT3=0.33
Source: researchoutputwizard
Source ID: 6582
Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > 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

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

Universal Accessibility: On the need of an empathy-based architecture

Universal Accessibility: On the need of an empathy-based architecture is a PhD thesis researching the paradigm of accessible architectural design. Starting from the very first understanding of accessibility in architecture, it analyses the evolution of the concept over recent decades up to the present, in order to evaluate its current significance.

The assumption of this dissertation is that all current theories concerning accessibility in architecture are not properly approached and/or they are poorly linked to architectural practice, since the main postulate of this thesis is that the quality of built environments is poor in respect to accessibility. Therefore, this thesis aims to point out the main problems that accessible designs face nowadays and, more importantly, to rationalize why this situation must be reversed while also exploring the tools for doing this.

General information

Publication status: Published

MoE publication type: G4 Doctoral dissertation (monograph)

Organisations: Architecture

Contributors: Bordas Eddy, M.

Number of pages: 278

Publication date: 10 Feb 2017

Publication information

Publisher: Tampere University of Technology

ISBN (Print): 978-952-15-3873-5

ISBN (Electronic): 978-952-15-3891-9

Original language: English

Publication series

Name: Tampere University of Technology. School of Architecture. Housing Design

Volume: 26

ISSN (Print): 2242-4598

Keywords: universal accessibility, empathy, disabilities simulation, unnoticed accessibility, enabling design

Electronic versions:

Marta Bordas Eddy - Universal Accessibility

URLs:

<http://urn.fi/URN:ISBN:978-952-15-3891-9>

Research output: Book/Report › Doctoral thesis › Monograph

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

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

Name: ICERI proceedings
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

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 kasvat : puhetta suojelusta ja restauroinnista
Place of publication: Helsinki
Publisher: Suomenlinnan hoitokunta
Editor: Perkkiö, M.
ISBN (Print): 978-951-9437-40-8

Bibliographical note

Contribution: organisation=ark,FACT1=1
Portfolio EDEND: 2013-11-29
Source: researchoutputwizard
Source ID: 2602
Research output: Chapter in Book/Report/Conference proceeding > Chapter > Scientific

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

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
Contribution: organisation=ark ars,FACT1=1
Source: researchoutputwizard
Source ID: 4409
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.

Maakuvaüksissa 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 digitalisaatiossa 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

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

Tulevaisuuden koulu: Arkkitehtuurin neljä näkökulmaa ekologiseen rakentamiseen

General information

Publication status: Published
MoE publication type: G2 Master's thesis, polytechnic Master's thesis
Organisations: Architecture
Contributors: Vuorinen, J.
Number of pages: 104
Publication date: 7 Jun 2017

Publication information

Publisher: Tampereen teknillinen yliopisto
ISBN (Electronic): 978-952-15-3962-6
Original language: Finnish

Publication series

Name: Tampereen teknillinen yliopisto. Arkkitehtuurin laboratorio. Asuntosuunnittelu. Julkaisu
Volume: 29
ISSN (Electronic): 2489-429X
Electronic versions:
Vuorinen
URLs:
<http://urn.fi/URN:ISBN:978-952-15-3962-6>
Research output: Book/Report › Master's Thesis › Scientific

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

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.
Contribution: organisation=ark,FACT1=1

Source: researchoutputwizard

Source ID: 4682

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

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

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

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
Portfolio EDEND: 2013-12-29

Source: researchoutputwizard

Source ID: 2431

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

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

Thinking Design: Towards an Architecture of Critical Indeterminacy and Temporal Affectivity

The legacy of Platonic thought and education in the West has led to a narrowing of what we call “thinking.” In particular, this legacy has led to modes of thinking that overvalue linear logic, objective facts, and universal constants, overlooking those human capacities whose results are difficult to measure because they cannot be quantified. However, architecture is a discipline that necessarily depends upon understanding those experiences that are temporal, affective, ephemeral, relational, embedded, lived, and felt. Architectural thinking overcomes scientific rationalism only through the realization that architectural significance can be found also in the indeterminacy of poetic understanding, which “communicates” via analogical language—the language of temporal affectivity.

This study aims to better understand creative thinking both generally and in the context of architecture, focusing on

specific questions about the self-imposed limits that are typically placed upon what we call “thinking” and how to better stimulate the agilities of creative thought in architecture. In order to be congruent with the critique of a pervasive mathematical syntax, the methods and results of study strive to remain poetic in nature; in other words, this is a theoretical exercise whose insights are measured rhetorically through the correlation of various pieces of “circumstantial evidence” structured by an argument that succeeds or fails through its persuasive force alone. This evidence is built from anecdotes, examples and arguments, and structured through conversations with the thinking of philosophy and architecture; of particular importance in this study are philosophers Martin Heidegger, Gilles Deleuze, and Gilbert Simondon, and the Finnish architect Reima Pietilä.

This is an argument for designing more supple, sensitive, and resilient modalities of thinking: thinking that is not solely aimed at creating better buildings, but also at carving out new areas of influence for architectural thinking in society. It is an argument that contends that simplistic absolutism in architectural movements and trends will only continue to promote fallacies about education, thinking, and the measures of architectural worth. It is an argument that believes architects must prioritize development of those critical, non-instrumental skills that sometimes the profession even forgets that it needs. It is an argument that believes that this process begins through an intensive familiarization and attunement to the affective-poetic syntax of temporal encounter, becomes possible when “creators” are nimble, inclusive, optimistic, and expansive, and can be subsumed in the maelstrom of problem and prospect—the design process—and leads to a temporal-material-spatial language of architecture that is most purely and powerfully architecture.

General information

Publication status: Published

MoE publication type: G4 Doctoral dissertation (monograph)

Organisations: Architecture

Contributors: Teal, R.

Number of pages: 263

Publication date: 19 Dec 2018

Publication information

Publisher: Tampere University of Technology. School of Architecture

ISBN (Print): 978-952-15-4263-3

ISBN (Electronic): 978-952-15-4264-0

Original language: English

Publication series

Name: Tampere University of Technology. School of Architecture. DATUTOP Occasional Papers

Volume: 37

ISSN (Print): 0359-7105

Electronic versions:

Datutop37

URLs:

<http://urn.fi/URN:ISBN:978-952-15-4264-0>

Research output: Book/Report › Doctoral thesis › Monograph

The Work of the Studio Aalto Collaborators: Practice, Craft and Theory

In 1954 Alvar Aalto built a new and larger studio building close to his existing combined home and studio in Munkkiniemi in Helsinki. The current study complements previous studies on the work produced at the so-called Studio Aalto over the next two decades by stressing its collective dimension and examining how in turn it was appropriated by the Studio collaborators.

This study is a combination of the history and theory of architecture and is structured thematically along three lines: practice, craft, and theory. The thesis as a whole is divided into 2 parts. Part I introduces and connects the work of the Studio with the work made independently by its members, a group of architects which has so far remained relatively unknown. A central question is thus whether these architects could continue the architectural profession at the level set out by the Studio. Part II concentrates on three case studies by members of the Studio: Jaakko Kontio (and Kalle Räike's) Lappeenranta University of Technology (1969-1975); Kaarlo Leppänen's Valkeakoski Cultural and Administrative Centre (1966-1973); Eric Adlercreutz (and Nils-Hinrik Aschan's) Jägarbacken Housing in Ekenäs (1968-1973).

The point of view of practice shows the relationship between the architecture and the circumstances, allowing for the problematization of the changes associated with the emergence of a welfare state in post-war Finland. Kontio's experience in university campus design is examined by considering the dialogues established with other people involved in the project. The point of view of craft emphasizes the action of successive generations upon the same material. Aalto's sense of tradition provoked a revision within the Modern Movement, but also contributed to the isolation of the Studio within Finnish architecture circles in the late 1960s. To contrapose the progressivist bias at that time, Leppänen's work is presented through a combination of technological and cultural approaches. In turn, theory is that part of architecture that can be discussed through ideas. The reconstitution of Adlercreutz's Pattern Language studies, based on those of Christopher Alexander, establishes a triangulation that clarifies the Studio's systematic and open method, thus helping to

challenge the Studio's reputation for neglecting theory. The comparisons show that each of the collaborators combined something of their experience with Aalto with their own individual experiences, and used this combined experience, moreover, to face partly new problems. Taken bidirectionally, the comparisons encourage a reconsideration of Aalto's work and support my broader effort to confirm the continuity of architecture.

General information

Publication status: Published
MoE publication type: G4 Doctoral dissertation (monograph)
Organisations: Architecture
Contributors: Borges De Araujo, M.
Number of pages: 271
Publication date: 2 Nov 2018

Publication information

Publisher: Tampere University of Technology. School of Architecture
ISBN (Print): 978-952-15-4198-8
ISBN (Electronic): 978-952-15-4199-5
Original language: English

Publication series

Name: DATUTOP
Volume: 36
ISSN (Print): 0359-7105
Electronic versions:
Datutop 36
URLs:
<http://urn.fi/URN:ISBN:978-952-15-4199-5>
Research output: Book/Report › Doctoral thesis › Monograph

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
Portfolio EDEND: 2013-06-29
Publisher name: Alvar Aalto Museum
Source: researchoutputwizard
Source ID: 3104
Research output: Contribution to journal › Article › Scientific

The Temporality and Rythmicity of Lived Street Space

This dissertation, in short, examines the temporalities and rhythmicities of day-to-day urban mobility practices on the city street. Streets, and other mobility-centred spaces of the city, are the main stages of public urban life – they are essential to how we (routinely) use and interact with the built environment, connect to our neighbourhoods, and encounter other city dwellers – and thus play a key part in the making of liveable, sustainable and just cities. Examining the street as a mobile assemblage, the study probes and conceptualizes some of the key rhythms that emerge from such daily mobility patterns of the street, aiming to draw a detailed picture of the recurring urban (micro)temporalities from a mobilities perspective that partially constitute the 'lived' aspects of the day-to-day built environments. The theoretical framework on temporalities draws from various conceptual lineages, notably a Lefebvrian rhythm-analytical framework, and defines the studied mobility rhythms of the street as the inseparable relations between spaces, times and mobile embodied practices. The practical research focus is set on the grassroot-level embodied mobilities. Here mobility practices are understood in a broad sense

(following a new mobilities paradigm) as activities that, whilst physically moving people from place A to place B, also produce meanings, experiences, sense of belonging, socio-material interactions, imageries, and (mobile) cultures in the process. Utilizing various mobile research methods (in-depth go-along interviews, participant-produced photographs, route videos and route maps; extensive videoed site observations), and by taking a postphenomenological research perspective, the dissertation examines recurring walking and driving routes, and the mobile event of day-to-day street space in two major Finnish cities. The analysis of the data – presented in four research articles (#01–04)– reveals, on one hand, how people (inter)subjectively make sense of and modify the rhythmicities of the street (and the city in general) inside their own mobile daily routines, and, on the other, how people – through their (mobile) uses of the space – produce temporal, or momentarily perceivable, architecture of the street by adapting to, or contesting, pre-set rhythmicities. The analysis further reveals different mediacies (#01) and processes of pacing (#02) of such rhythmicities, the role of urban morphologies in the formation of these rhythmicities (#03), and the time-sensitive rhythmic modes of appropriating the street through mobile uses (#04). The work proposes that the emerging rhythm analytical research framework is an applicable and advantageous mode for approaching and mapping the urban phenomena that are inherently caught in a continuous flux and flow. In the case of the day-to-day street space, rhythm analysis can be used to reveal micro-level (next to macro-level) temporalities that depict the street as a site of multiple heterogeneous and simultaneous temporalities and timings. Likewise, rhythm analysis, helps us to understand the complexity of urban mobilities and day-to-day routes beyond their strictly functional means, revealing the multiplicities of temporal relations in such recurring body-environment relations. Together, they are able to draw a nuanced picture of some of the key urban structures, mapping both formal (planned and designed, set from the 'above') as well as informal (accidental and routine-like, set from the 'below') mobility structures of the city. They highlight the continuous, rhythmic and arrhythmic, pulses of human activity in the city, the intensities of the urban fabric. In other words, they reveal multiplicities of the beat of the city and its streets, both the planned and designed as well as the ones produced by their inhabitants on the move.

General information

Publication status: Published

MoE publication type: G5 Doctoral dissertation (article)

Organisations: Architecture

Contributors: Tartia, J.

Publication date: 17 Jan 2020

Publication information

Publisher: Tampere University

Volume: 190

ISBN (Print): 978-952-03-1386-9

ISBN (Electronic): 978-952-03-1387-6

Original language: English

Publication series

Name: Tampere University Dissertations

Volume: 190

ISSN (Print): 2489-9860

ISSN (Electronic): 2490-0028

URLs:

<http://urn.fi/URN:ISBN:978-952-03-1387-6>

Research output: Book/Report › Doctoral thesis › Collection of Articles

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

Publication status: Published

MoE publication type: A1 Journal article-refereed

Organisations: Computing Sciences, Research group: Predictive Society and Data Analytics (PSDA), Research group: Computational Medicine and Statistical Learning Laboratory (CMSL), Shahid Rajaee 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
Publication date: 1 Sep 2020
Peer-reviewed: Yes

Publication information

Journal: Symmetry
Volume: 12
Issue number: 9
Article number: 1438
ISSN (Print): 2073-8994
Original language: English
ASJC Scopus subject areas: Computer Science (miscellaneous), Chemistry (miscellaneous), Mathematics(all), Physics and Astronomy (miscellaneous)
Keywords: Aesthetics, Expertise, Eye tracking, Façade, Symmetry
Electronic versions:
The Role of Symmetry in the Aesthetics 2020
DOIs:
10.3390/sym12091438
URLs:
<http://urn.fi/URN:NBN:fi:tuni-202009297164>
Source: Scopus
Source ID: 85090939204
Research output: Contribution to journal > Article > 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
Portfolio EDEND: 2013-11-29
Source: researchoutputwizard
Source ID: 3098
Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific > peer-review

The most sustainable building is the one you don't build

General information

Publication status: Published
MoE publication type: Not Eligible
Organisations: Architecture, Research group: Built Environment in Transition
Contributors: Huuhka, S.
Number of pages: 1
Publication date: 6 May 2020

Publication information

Media of output: Blog
Year: 2020
Original language: English

URLs:

<https://www.circuit-project.eu/post/the-most-sustainable-building-is-the-one-you-don-t-build>

Research output: Other contribution › 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
Contribution: organisation=ark ays,FACT1=0.5
Contribution: organisation=keb bio,FACT2=0.5

Source: researchoutputwizard

Source ID: 4281

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

The Management of Change in Finland's Wooden Historic Urban Landscapes: Old Rauma

The present research elaborates the Architectural and Urban perspective on the multidisciplinary approach of the Historic Urban Landscapes, in the Fennoscandian cultural context.

The main purpose of the present study is to define and to clarify how to limit and control change in the wooden historic urban landscapes found in a specific cultural region: Finland. Managing change in the context of the thesis gathers a wide area of possible attitudes in relation to historic urban areas, including: non-intervention, intervention by conservation, development, protection, demolition or re-building. In order to adequately answer the question, one must clarify what 'change', 'historic urban landscape' and 'wooden [town]' imply, as well as a number of other underlying concepts.

The main focus of the study is Old Rauma – a World Heritage site since 1991, viewed in a larger context: the cultural region of the Fennoscandia. Therefore, special attention is given to UNESCO wooden urban heritage, as it represents the most valuable and, at the same time, vulnerable and delicate form of historic urban landscape discussed and managed in contemporary practice. The role and impact of the recognition of World Heritage Sites is considered mainly through the comparative analysis of similar sites in the Nordic Countries. The narrower cultural context of Old Rauma is analysed through study cases of other historic urban areas of Finland. Defining a way to deal with change in wooden historic urban areas considered from the historic urban landscape perspective in the Nordic cultural context is one of the goals of this research, starting with the particularities and valued traits of these sites. In order to achieve a broader view on the phenomenon of the wooden historic urban landscape, the considered study cases are both World Heritage Sites as well as Finnish historic towns bearing enough similarities to be analysed in the same category.

The validity of the proposed tool: the Aggregated Management Plan for Finnish historic urban areas considering the historic urban landscape approach is supported by case studies and the elaboration of the plan for Old Rauma.

General information

Publication status: Published

MoE publication type: G4 Doctoral dissertation (monograph)

Organisations: School of Architecture

Contributors: Dumitrescu, A.

Number of pages: 275

Publication date: 8 Jan 2016

Publication information

Publisher: Tampere University of Technology

ISBN (Print): 978-952-15-3650-2

ISBN (Electronic): 978-952-15-3675-5

Original language: English

Publication series

Name: Tampere University of Technology. Publication

Publisher: Tampere University of Technology

Volume: 1357

ISSN (Print): 1459-2045

Electronic versions:

dumitrescu_1357

URLs:

<http://URN.fi/URN:ISBN:978-952-15-3675-5>

Bibliographical note

Awarding institution: Tampere University of Technology

dumitrescu_1375 ok 8.1.2016 KK

Research output: Book/Report › Doctoral thesis › Monograph

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

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
Contribution: organisation=ark ays,FACT1=0.33
Contribution: organisation=kebio,FACT2=0.67
Source: researchoutputwizard
Source ID: 6156
Research output: Chapter in Book/Report/Conference proceeding › Chapter › 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
Contribution: organisation=ark ays,FACT1=1
Source: researchoutputwizard
Source ID: 6646
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: 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
Portfolio EDEND: 2013-12-29
Publisher name: The Findhorn Foundation
Source: researchoutputwizard
Source ID: 2285
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: 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
Portfolio EDEND: 2013-12-29
Publisher name: Social Sciences Directory
Source: researchoutputwizard
Source ID: 2286
Research output: Contribution to journal › Article › Scientific

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

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>

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

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

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
Contribution: organisation=ark,FACT1=1
Source: researchoutputwizard
Source ID: 4683
Research output: Contribution to journal › Article › Scientific › peer-review

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

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
Publisher name: Suomen Arkkitehtiliitto
Source: researchoutputwizard
Source ID: 8136
Research output: Contribution to journal › Article › Scientific › peer-review

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/
Research output: Contribution to journal › Comment/debate › Professional

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

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

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

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 Arkkitehtiliitto
Source: researchoutputwizard
Source ID: 4363
Research output: Contribution to journal › Article › Professional

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
Portfolio EDEND: 2014-12-30

Source: researchoutputwizard

Source ID: 531

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

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

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
Portfolio EDEND: 2013-10-29
Publisher name: Suomen Arkkitehtiiliitto

Source: researchoutputwizard

Source ID: 2215

Research output: Contribution to journal › Article › Professional

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
Contribution: organisation=ark ars,FACT1=1
Source: researchoutputwizard
Source ID: 4173
Research output: Book/Report > Anthology > Scientific > peer-review

Tampereen Tesoman Tuomarinkadun korttelin suunnittelukilpailun taideaiheen suunnittelu

General information

Publication status: Published
MoE publication type: F2 Public partial realisation of a work of art
Organisations: Architecture, Research group: Architecture: History, Theory and Innovations
Contributors: Soini, K.
Publication date: 1 Sep 2016
URLs:
<http://www.kaisasoini.fi/cv.html>
Research output: Artistic and non-textual form > Design > Art in coproduction > peer-review

Tampereen Rantatunnelin Melutaide-gallerian teokset: Yksi kuudesta Melutaidegalleriaan osallistuvasta kuvataiteilijasta

General information

Publication status: Published
MoE publication type: F2 Public partial realisation of a work of art
Organisations: School of Architecture, Research group: Architecture: History, Theory and Innovations
Contributors: Soini, H.
Publication date: 2014
Research output: Artistic and non-textual form > Artefact > Art in coproduction > 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

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

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_asukaslatoisyydesta_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

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 solmukohtassa
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

Research output: Chapter in Book/Report/Conference proceeding › Chapter › 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

"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
Publisher name: Suomen Arkkitehtiliitto
Source: researchoutputwizard
Source ID: 4681
Research output: Contribution to journal › Article › Professional

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

Bibliographical note

on johdanto
Contribution: organisation=ark ays,FACT1=1
Source: researchoutputwizard
Source ID: 4279
Research output: Book/Report > Anthology > Scientific > peer-review

Taidenäyttely aika ajast`aikaan: Naantalin taidehuone 21.5.-9.6.2013

General information

Publication status: Published
MoE publication type: F1 Published independent work of art
Organisations: School of Architecture
Contributors: Soini, K.
Publication date: 2013
Media of output: Other

Bibliographical note

Contribution: organisation=ark,FACT1=1
Portfolio EDEND: 2013-10-29
Source: researchoutputwizard
Source ID: 3438
Research output: Artistic and non-textual form > Exhibition > Solo art production

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., Berghauser 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
Portfolio EDEND: 2015-03-20
Source: researchoutputwizard
Source ID: 1352
Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific > peer-review

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 Context

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

Suurten puurakenteiden arkkitehtoniset ominaisuudet

Tämän tutkimuksen lähtökohtana on ollut tarkastella suomalaista suurten puurakenteiden tilannetta suhteessa vastaavaan ulkomaiseen puurakentamiseen. Tämä on tärkeää, koska puurakentaminen on lisääntynyt merkittävästi viime vuosikymmenen aikana. Monet puurakennushankkeet, kuten uudet puukaupunkialueet, konserttitalot, koulut, päiväkodit, toimisto- ja asuinrakennukset, osoittavat, että puuta osataan Suomessa hyödyntää jo seka rakennusteknisesti että arkkitehtonisesti ansiokkaasti. Selvästi parannettavaa on kuitenkin hallirakennuksissa ja niiden arkkitehtonisessa muodonannossa. Verrattuna moniin ulkomaisiin puurakenteisiin halleihin suomalaiset toteutukset vaikuttavat usein teollisuus- tai varastohalleilta. Näistä lähtökohdista tutkimuksen tavoitteeksi muotoutui sen selvittäminen, mitkä tekijät vaikuttavat suurten puurakenteiden arkkitehtoniseen muodonantoon.

Tutkimus on luonteeltaan käytäntöä painottava, mikä tarkoittaa yleistäen sitä, että arkkitehti pyrkii tutkimuksen keinoin reflektoidaan omaa käytäntöään, jäsentämään sitä teoreettisesti ja palaamaan tutkimuksen lopussa takaisin käytäntöön. Tutkimus eteni suurten puurakennusjärjestelmien luokituksen ja puurakenteiden historiallisen katsauksen jälkeen teoreettiseen pohdintaan suurten puurakenteiden arkkitehtonisen muodon ominaisuuksista. Näitä ominaisuuksia käytettiin apuna empirisessä tutkimusvaiheessa, jossa kohteena olivat eräät, lähinnä ulkomaiset puurakenteiset kohteet. Lopuksi näiden kaikkien perustalta päädyttiin konkreettiseen suunnitelmaan, jossa kokeiltiin, miten suuria puurakenteita voidaan käyttää arkkitehtonisen ilmaisun välineenä.

Historiallisessa katsauksessa tuotiin esiin, kuinka pitkä perinne puurakenteiden käytöllä esimerkiksi Euroopassa on ja kuinka rakennustekninen kehitys on kunakin aikakautena heijastunut puurakenteiden arkkitehtoniseen ilmaisuun. Puurakennusjärjestelmät ryhmiteltiin yhdeksään ryhmään: (1) palkkeihin ja pilareihin, (2) yhdistettyihin palkkeihin, (3) sauvarakenteisiin, (4) ristikkorakenteisiin, (5) kehiin ja kaariin, (6) avaruusristikoihin, (7) kupoleihin, (8) kuorirakenteisiin sekä (9) riippurakenteisiin ja ketjutettuihin rakenteisiin. Eri järjestelmille todettiin olevan luontaista tiettyä massan, poikkileikkauksen ja pohjan muodot.

Puurakenteiden arkkitehtonisen muodon ominaisuuksia tutkittiin arkkitehtonisen tilan, massan ja pinnan kannalta. Tarkasteltavaksi tulivat muodon kokoonpano, muodon hahmo, muodon suhteet, pinnan kudos, muodon havaittavuus ja visuaalinen tasapaino. Arkkitehtonisia muodon ominaisuuksia tarkasteltiin myös merkittävien ulkomaisten puurakennuskohteiden avulla. Kohteita analysoitiin ja niiden suunnittelijoita haastateltiin. Tarkastelu kohteiden havainnointit ja suunnittelijoiden haastattelut osoittivat, että ne arkkitehtonisen muodon ominaisuudet, joita teoriaosuudessa selvitettiin, toteutuivat näissä kohteissa monenlaisina ja vakuuttavina variaatioina. Haastattelujen

perusteella voidaan olettaa, että muodon ominaisuuksien tietoisella käsittelyllä voidaan hallita suurten puurakenteiden arkkitehtonisia muodonannon perusteita entistä paremmin, mikä on välttämätöntä niiden arkkitehtonisen laadun kehittämiseksi.

Näistä teoreettisista pohdinnoista ja empiirisistä havainnoista tutkimus eteni lopulta takaisin suunnittelukäytäntöön. Tavoitteena oli palauttaa tutkimuksen aikana tuotettu tieto takaisin käytäntöön. Käytäntöä edustaa tässä teoreettinen suunnittelutilanne. Suunnittelun kohteena oli puurakenteinen uimahalli. Suunnitteluprosessi osoitti, ettei suunnittelu voi edetä systemaattisesti muodon ominaisuudesta toiseen, vaan työ edellyttää jokaisen yksittäisen muodon ominaisuuden kohdalla pohdintaa tämän vaikutuksista kohteen muihin ominaisuuksiin. Suunnittelu -luovana prosessina- pysyy näiltä osin tunnustelevana ja vaatii aina myös intuitiivista otetta.

Tässä tutkimuksessa on tarkasteltu myös tutkimuksen ajanmukaisuutta suhteessa aineiston- keruuhetkeen (2003-2006) ja nykyhetkeen. Tämän tarkastelun tulos on, että tutkimus on edelleen tärkeä ja käyttökelpoinen Suomessa, mikä lisää työn merkittävyyttä. Tutkimus on suunnattu ensisijaisesti suunnittelijoille Suomessa, mutta ilmeistä on, että tässä työssä esitettyjä tai siitä sovellettavia ajatuksia on mahdollista käyttää vuorovaikutuksessa tilaajan, rakennuttajan, käyttäjän, muiden suunnittelijoiden, viranomaisten tai rakentajan kanssa.

General information

Publication status: Published
MoE publication type: G4 Doctoral dissertation (monograph)
Organisations: Architecture
Contributors: Eskolin, J.
Number of pages: 182
Publication date: 30 Aug 2019

Publication information

Volume: 105
ISBN (Print): 978-952-94-2190-9
ISBN (Electronic): 978-952-03-1194-0
Original language: Finnish

Publication series

Name: Tampere University Dissertations
No.: 105
ISSN (Electronic): 2490-0028
URLs:
<http://urn.fi/URN:ISBN:978-952-03-1194-0>
Research output: Book/Report > Doctoral thesis > Monograph

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
Publisher name: Suomen Arkkitehtiliitto
Source: researchoutputwizard
Source ID: 8426
Research output: Contribution to journal > Article > Scientific > peer-review

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
Portfolio EDEND: 2013-12-29
Source: researchoutputwizard
Source ID: 2429
Research output: Contribution to journal > Article > 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
Contribution: organisation=rak,FACT1=0.34
Contribution: organisation=tte,FACT2=0.33
Contribution: organisation=ark ays,FACT3=0.33
Source: researchoutputwizard
Source ID: 6581
Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific

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 valtaväylä 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 valtaväylä 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 valtaväylä 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

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

Suomen arkkitehtuurikatsaus 2016

General information

Publication status: Published

MoE publication type: F1 Published independent work of art

Organisations: Architecture, Research group: Architecture: History and Theory

Contributors: Lahdelma, I.

Publication date: 2016

Research output: Artistic and non-textual form › Exhibition › Solo art production

Suomen aluerakenteen ja liikennejärjestelmän kehityskuva : Ennakointiteemojen ja tulevaisuuskuvien 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

Bibliographical note

Suomeen aluerakenteen ja liikennejärjestelmän kehityskuva (ALLI)
Contribution:

organisation=tlo,FACT1=0.6
Contribution: organisation=ark,FACT2=0.4
Portfolio EDEND: 2014-12-

30
Publisher name: Ympäristöministeriö

Source: researchoutputwizard

Source ID: 638

Research output: Book/Report › Commissioned report › Professional

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

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

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Professional

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-](http://www.researchgate.net/profile/Jari_Kaivo-oja/publication/280941248_Assessing_Sustainability_of_Economic_Growth_with_Sustainability_Window/links/55cd87ae08aeeaab209b543e.pdf)

[oja/publication/280941248_Assessing_Sustainability_of_Economic_Growth_with_Sustainability_Window/links/55cd87ae08aeeaab209b543e.pdf](http://www.researchgate.net/profile/Jari_Kaivo-oja/publication/280941248_Assessing_Sustainability_of_Economic_Growth_with_Sustainability_Window/links/55cd87ae08aeeaab209b543e.pdf)

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › 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

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

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

Publication date: 31 Dec 2019

Peer-reviewed: Yes

Publication information

Journal: Sustainability

Volume: 12

Issue number: 1

Article number: 327

ISSN (Print): 2071-1050

Ratings:

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

Original language: English

DOIs:

10.3390/su12010327

Research output: Contribution to journal › 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

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

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

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., Salenius, 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

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
Contribution: organisation=ark ays,FACT1=1
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

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

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

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

URLs:

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

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

SmartStation: Kohti älykästä asemanseutujen 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

Research output: Book/Report › Commissioned report › Professional

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

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

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

Sibeliustalo: Bauen Mit Holz Wege in die Zukunft. Prestel Munchen London New York 2011

General information

Publication status: Published
MoE publication type: F1 Published independent work of art
Organisations: School of Architecture
Contributors: Tikka, H.
Publication date: 2011
Media of output: Print

Bibliographical note

Contribution: organisation=ark ars,FACT1=1
Source: researchoutputwizard
Source ID: 7385
Research output: Artistic and non-textual form › Design › Solo art production

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
Portfolio EDEND: 2013-12-29
Source: researchoutputwizard
Source ID: 4680

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

Bibliographical note

ei ut-numeroa 15.3.2014
Contribution: organisation=ark ays,FACT1=1
Source: researchoutputwizard
Source ID: 6167

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

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

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

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

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

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

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

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

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

Sanojen synty ja muita piirroksia, taidenäyttely

General information

Publication status: Published

MoE publication type: F1 Published independent work of art

Organisations: School of Architecture

Contributors: Laiti, M.

Publication date: 2010

Media of output: Print

Bibliographical note

Contribution: organisation=ark aht,FACT1=1

Source: researchoutputwizard

Source ID: 8562

Research output: Artistic and non-textual form › Design › Solo art production

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
Publisher name: Suomen Arkkitehtiliitto
Source: researchoutputwizard
Source ID: 10504
Research output: Contribution to journal > Article > Scientific > peer-review

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

Ryhdistä asuntopoliitikkaa Helsingissä? Blogikirjoitus

General information

Publication status: Published
MoE publication type: E1 Popularised article, newspaper article
Organisations: Architecture
Contributors: Tarpio, J., Leino, H.
Publication date: 1 Feb 2017
Peer-reviewed: Unknown

Publication information

Journal: Dwellers in Agile Cities -sivusto
Original language: Finnish
URLs:
<http://www.agilecities.fi/2017/02/01/ryhdikasta-asuntopoliitikkaa-helsingissa/>
URLs:
<http://www.agilecities.fi/>
Research output: Contribution to journal > Article > General public

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: Arkkitehti uutiset
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

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
Publisher name: Suomen Arkkitehti liitto
Source: researchoutputwizard
Source ID: 8425
Research output: Contribution to journal › Article › Scientific › peer-review

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=arkays,FACT1=1

Source: researchoutputwizard

Source ID: 8145

Research output: Book/Report › Commissioned report › Professional

Rich & Orderly: The Role of Visual Complexity and Order in Intuitive Preference for Apartment Interiors

Both everyday experience and scientific knowledge have demonstrated the great power of the environment to influence not only our emotions and behaviour but also our well-being and health. There is also reason to believe that intuitive preference exerts a significant influence on choice of apartment. Environmental preferences have been studied widely in both natural and urban contexts as well as in the context of external building styles. However, considering the amount of time that people spend inside buildings, including homes, systematic research on visual preferences for architectural interiors seems to be surprisingly negligible. Therefore, studying architectural characteristics that increase visual preference for apartment interiors has to be considered relevant from the perspective of both the well-being and health of people, and also that of enhancing the quality of apartment stock.

The primary aim of this thesis was to study architectural characteristics that increase the experience of the visual appeal, or pleasantness, of apartment interiors. I have striven to achieve this aim, first by exploring the literature for attributes that may influence visual preference. Based on these findings, I defined several variables that I considered possibly predictive of visual preference for apartment interiors. Finally, the influence of these variables on visual preference for apartment interiors was studied experimentally.

As previous research is scarce on architectural characteristics and their influence on preference in the context of apartment interiors, I ended up searching for characteristics through a broad, interdisciplinary theoretical framework. Two concepts - visual complexity and order - were found to emerge repeatedly from this theoretical framework. In the field of aesthetics, a great number of both theoretical and experimental studies lend support to the assumption that visual aesthetic preference would in one way or another be related to visual complexity and order. Similar results have been obtained in the field of environmental psychology, mainly in the context of outdoor environments; visual elements that promote both exploration and comprehensibility of the environment have been found to increase environmental preference. Besides, several architectural characteristics that can be seen to relate to visual complexity and order are typical of traditional architectural styles, and classical architectural theories emphasize their role in the context of building aesthetics. However, it seems that these concepts have received only minor attention in present-day architectural discourse, research and theory.

Based on the literature, a broad set of architectural variables that were considered to potentially explain visual complexity, order and preference of apartment scenes, was created for use in the experimental part of this thesis. Additionally, a total of forty-three test images - where the architectural variables in question obtained different values - were created for this purpose. In the experiment, 107 medical students, who acted as test subjects, evaluated the images according to their interestingness the term used in this thesis to describe the level of interest they aroused - (an operationalized measure for complexity), spatial organization (an operationalized measure for order) and pleasantness (an operationalized measure for appeal or preference). The relationships between these evaluations and the architectural variables were then analysed by using regression analysis, by comparing the similarities and differences in the evaluations of four subgroups (males, females, participants with prior artistic training and participants without prior art training) and by visually analysing the images and their ratings. In addition, the different affective qualities that might be related to different architectural characteristics were assessed by using the Circumplex model for affective quality attributed to environments created by Russell, Ward and Pratt (1981).

The most important and the most reliable result of this thesis can be considered to be that the ratings for interestingness and spatial organization of apartment interiors were found to predict the ratings for pleasantness. The same finding was perceived within the whole group as well as within each of the four subgroups. This study thus lends support to the finding that has emerged in research from other disciplines: the environment should be both complex and ordered at the same time in order to be pleasant. In addition, certain physical architectural characteristics were found that predicted the majority of variance of the ratings for interestingness (83%) and spatial organization (87.6%). For instance, the total number of outward directions from the room, the amount of detail (the number of black pixels in the binary image) and the surface area of the windows were found to increase the ratings for interestingness in the regression model of the whole group and in that of at least three subgroups. In the same way, the bilateral symmetry of the room was found to increase and the number of aligned element lines to decrease the ratings for spatial organization. Together with the ratings for interestingness and spatial organization, the use of classical proportions and verticality were found to predict the majority (76.6%) of variance in the ratings for pleasantness. However, creating and defining the architectural variables used in this study was challenging, within certain characteristics in particular, and therefore the results concerning these can only be regarded as preliminary. Studying the phenomena perceived in this study further with both different subject groups and architectural variables provides interesting and important research topics for future studies.

General information

Publication status: Published
MoE publication type: G4 Doctoral dissertation (monograph)
Organisations: Architecture
Contributors: Pihlajarinne, N.
Number of pages: 413
Publication date: 16 Mar 2018

Publication information

Publisher: Tampere University of Technology
ISBN (Print): 978-952-15-4098-1
ISBN (Electronic): 978-952-15-4099-8
Original language: English
Keywords: Architecture, Architectural Design, Housing Design, Housing preference, Apartment preference, Aesthetic Preference, Intuitive preference
Electronic versions:
NP dissertation
URLs:
<http://urn.fi/URN:ISBN:978-952-15-4099-8>
Research output: Book/Report > Doctoral thesis > Monograph

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
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

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

Research output: Chapter in Book/Report/Conference proceeding › Chapter › 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

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

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
Volume: 35
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
ISBN (Electronic): 978-952-15-4144-5

Publication series

Name: Datutop
ISSN (Electronic): 0359-7105
Keywords: urban policies, decentralization approach, satellite town
URLs:
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

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

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

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

Research output: Chapter in Book/Report/Conference proceeding › Chapter › 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

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

Publication status: Published
MoE publication type: A1 Journal article-refereed
Organisations: Architecture
Contributors: Amr, A.
Pages: 357-379
Publication date: 2020
Peer-reviewed: Yes
Early online date: 10 Sep 2019

Publication information

Journal: European Planning Studies
Volume: 28
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
Research output: Contribution to journal › Article › Scientific › peer-review

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
Contribution: organisation=ark,FACT1=1
Source: researchoutputwizard
Source ID: 4679
Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific

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
Publisher name: Suomen Ympäristö- ja Terveystieteiden Kustannus Oy

Source: researchoutputwizard

Source ID: 4273

Research output: Contribution to journal › Article › Professional

Rakennuksia tyhjillään 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

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

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:tty-201705101355>

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › 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 kursilla oli useammasta eri tiedekunnasta: Tampereen teknillisen yliopiston arkkitehtipiskelijoita ja liikennesuunnittelun opiskelijoita, Tampereen yliopistolta psykologian sekä sosiologian opiskelijoita.

Kolmiosaisen kurssin painopiste oli urban design-osuudella, muiden ollessa vapaavalintaisia. Suunnittelukohteina 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

Rääkkylän mummola, Opiskelijakilpailu 2016

General information

Publication status: Published

MoE publication type: D6 Edited professional books

Organisations: Architecture, Research group: Built Environment in Transition

Contributors: Karjalainen, M. (ed.), Pesonen, M. (ed.)

Number of pages: 43

Publication date: 2016

Publication information

Place of publication: Tampere

Publisher: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos. Rakennusoppi

ISBN (Print): 978-952-15-3848-3

Original language: Finnish

Research output: Book/Report › Anthology › Professional

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](#)

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](#)

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

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

Puusta potkua kuntien kehittämiseen

General information

Publication status: Published

MoE publication type: E1 Popularised article, newspaper article

Organisations: School of Architecture, Research group: Urban Laboratory

Contributors: Hynynen, A.

Publication date: 15 Jul 2015

Peer-reviewed: Unknown

Publication information

Journal: Sanomalehti Ilkka

Original language: Finnish

URLs:

<http://www.ilkka.fi/mielipide/yleis%C3%B6t%C3%A4/puusta-potkua-kuntien-kehitt%C3%A4miseen-1.1871205>

Research output: Contribution to journal › Comment/debate › General public

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

Puurakentamisvaihtoehtojen huomioiminen tarvitsee tuekseen lain

General information

Publication status: Published
MoE publication type: E1 Popularised article, newspaper article
Organisations: Architecture
Contributors: Karjalainen, M.
Number of pages: 1
Publication date: 19 May 2018
Peer-reviewed: Unknown

Publication information

Journal: Kaleva
Volume: 19.5.2018
Original language: Finnish
Research output: Contribution to journal > Article > General public

Puurakentamisvaihtoehtojen huomioiminen tarvitsee tuekseen lain

General information

Publication status: Published
MoE publication type: E1 Popularised article, newspaper article
Organisations: Architecture
Contributors: Karjalainen, M.
Number of pages: 1
Publication date: 31 May 2018
Peer-reviewed: Unknown

Publication information

Journal: Lapin Kansa
Original language: Finnish
Research output: Contribution to journal > Article > General public

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

Puurakentamisen uusi nousu: Arkkitehti arvioi messutaloja

General information

Publication status: Published

MoE publication type: E1 Popularised article, newspaper article

Organisations: School of Architecture

Contributors: Tarpio, J.

Number of pages: 6

Pages: 66-71

Publication date: Jul 2016

Peer-reviewed: Unknown

Publication information

Journal: Meidän talo

Volume: 2016

Issue number: 7

ISSN (Print): 1455-2825

Original language: Finnish

Research output: Contribution to journal › Article › General public

Puurakentamisen kansalaisaloite on hyvällä asialla

General information

Publication status: Published

MoE publication type: E1 Popularised article, newspaper article

Organisations: Architecture

Contributors: Karjalainen, M.

Publication date: 26 Mar 2018

Peer-reviewed: Unknown

Publication information

Journal: www.biotalous.fi

Original language: Finnish

URLs:

<http://www.biotalous.fi/puurakentamisen-kansalaisaloite-on-hyvalla-asialla/>

Research output: Contribution to journal › Comment/debate › General public

Puurakentamisen huomioimiseksi tarvitaan laki

General information

Publication status: Published

MoE publication type: E1 Popularised article, newspaper article

Organisations: Architecture

Contributors: Karjalainen, M.

Number of pages: 1

Publication date: 25 May 2018

Peer-reviewed: Unknown

Publication information

Journal: Maaseudun Tulevaisuus

Original language: Finnish

Research output: Contribution to journal › Article › General public

Puurakentaminen aluetalouden vahvistajana

General information

Publication status: Published

MoE publication type: E1 Popularised article, newspaper article

Organisations: School of Architecture
Contributors: Hynynen, A.
Pages: 16-17
Publication date: 2012
Peer-reviewed: Unknown

Publication information

Journal: UCS : Seinäjoen yliopistokeskuksen tiedotuslehti
Issue number: 2
ISSN (Print): 1796-0134
Original language: Finnish

Bibliographical note

Contribution: organisation=ark ays,FACT1=1
Source: researchoutputwizard
Source ID: 4278
Research output: Contribution to journal › Article › General public

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

Puukerrostalorakentaminen Suomessa: Tutkimus suomalaisten asuinpuukerrostalojen runkoratkaisuista ja asuntojen omistumuodoista.

General information

Publication status: Published
MoE publication type: E1 Popularised article, newspaper article
Organisations: Architecture
Contributors: Karjalainen, M.
Number of pages: 4
Pages: 4-7
Publication date: 12 Dec 2018
Peer-reviewed: Unknown

Publication information

Journal: Suomen sahayrittajat
Volume: 2018
Issue number: 4
Article number: 1
Original language: Finnish
URLs:
<https://www.yumpu.com/fi/document/read/62277156/suomen-sahayrittajat-4-2018>
Research output: Contribution to journal › Article › General public

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

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

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

Puu-Hubi: Perinteestä uusiin innovaatioihin

General information

Publication status: Published
MoE publication type: E1 Popularised article, newspaper article
Organisations: School of Architecture, Research group: Urban Laboratory
Contributors: Taanila, T., Panu, A.
Number of pages: 1
Pages: 15
Publication date: 12 Jun 2015
Peer-reviewed: Unknown

Publication information

Journal: Ilkka
Original language: Finnish
Research output: Contribution to journal › Article › General public

Puu-Hubi: Perinteestä uusiin innovaatioihin

General information

Publication status: Published
MoE publication type: E1 Popularised article, newspaper article
Organisations: School of Architecture, Research group: Urban Laboratory
Contributors: Panu, A.
Number of pages: 1
Pages: 6
Publication date: 2015
Peer-reviewed: Unknown

Publication information

Journal: UCS : Seinäjoen yliopistokeskuksen tiedotuslehti
Issue number: 1
ISSN (Print): 1796-0134
Original language: Finnish
Research output: Contribution to journal › Article › General public

Puu-Hubi: Perinteestä uusiin innovaatioihin

Maaillalla on menossa puurakentamisen buumi, jolle ennakoidaan pitkää ikää ja valoisaa 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

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

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
Portfolio EDEND: 2015-01-15

Source: researchoutputwizard

Source ID: 21

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

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/
Research output: Contribution to journal › Comment/debate › Professional

Professional Association of Architects of Cantabria: Centro Cívico Municipal de Boecillo (Valladolid)

Built work 'Municipal Civic Centre in Boecillo (Valladolid)' exhibited and published in catalogue at '50 Anniversary ETSAVA (School of Architecture in Valladolid). Time and Architecture' exhibition at Professional Association of Architects of Cantabria (COACAN)

General information

Publication status: Published
MoE publication type: F2 Public partial realisation of a work of art
Organisations: Architecture, Universidad de Valladolid
Contributors: Martínez Rodríguez, J. M., Escudero Conesa, I., Nieto Fernandez, F.
Publication date: 1 Oct 2019
Media of output: Print

Event information

Event: Time and Architecture
Location: Professional Association of Architects in Cantabria (COACAN), Santander, Spain
ASJC Scopus subject areas: Architecture
URLs:
<http://www.arquitectura.uva.es/2019/10/03/01-10-19-inauguracion-de-exposicion-tiempo-y-arquitectura-en-el-colegio-oficial-de-arquitectos-de-cantabria/>
Research output: Artistic and non-textual form › Exhibition › Art in coproduction › peer-review

Professional Association of Architects of Burgos: Centro Cívico Municipal de Boecillo (Valladolid)

Built work 'Municipal Civic Centre in Boecillo (Valladolid)' exhibited and published in catalogue at '50 Anniversary ETSAVA (School of Architecture in Valladolid). Time and Architecture' exhibition at Professional Association of Architects of Burgos (COACyLE)

General information

Publication status: Published
MoE publication type: F2 Public partial realisation of a work of art
Organisations: Architecture, Universidad de Valladolid
Contributors: Martínez Rodríguez, J. M., Escudero Conesa, I., Nieto Fernandez, F.
Publication date: 2 Dec 2019

Event information

Event: Time and Architecture: 50 Anniversary ETSAVA (School of Architecture in Valladolid)
Location: Professional Association of Architects in Burgos (COACyLE), Burgos, Spain
ASJC Scopus subject areas: Architecture
URLs:
<http://www.coaburgos.com/varios/exposici%C3%B3n-tiempo-y-arquitectura-50-aniversario-de-la-escuela-t%C3%A9cnica-superior-de>

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/m²a), 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.

General information

Publication status: Published

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

Peer-reviewed: Yes

Early online date: 27 Jun 2018

Publication information

Journal: ADVANCES IN BUILDING ENERGY RESEARCH

Volume: 14

Issue number: 1

ISSN (Print): 1751-2549

Original language: English

Electronic versions:

Lindberg - Potential of space zoning for energy efficiency through utilization efficiency. Embargo ended: 27/06/19

DOIs:

10.1080/17512549.2018.1488619

URLs:

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

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

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
Portfolio EDEND: 2015-01-12
Publisher name: ITeCons
Source: researchoutputwizard
Source ID: 524
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

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

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
Portfolio EDEND: 2015-01-26
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

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

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
Research output: Contribution to journal › Article › Professional

Pistepilvitiedon hyödyntäminen korjausrakennushankkeen arkkitehtisuunnittelussa

The field of repairs and renovations is constantly growing when viewed from the monetary value point of view. According to estimations made by experts, the field is facing a need for a substantial growth in resources or efficiency. One of the potential methods for increasing the efficiency in repair and renovation projects is the growing use of point cloud data technology.

Point cloud data is a dense group of three-dimensional measurements, which can be used to establish a three-dimensional model of an existing building. The most significant advantage in using point cloud data, is the three-dimensional nature and the accuracy of the measurements. Current methods for 3D-modeling an existing building rely on unreliable old blueprints and arduous measuring. The use of point cloud data simplifies the process of 3D-modeling an existing building.

This research is divided in to a theoretical part and interviews. In the theoretical part of the research I go through the different forms of information used in modeling existing structures and their qualities. At the same time, I zoom in to the terminology of point cloud data. The current terminology is used in conflicting manners and therefore I have redefined several terms. I also examine the effects of Common BIM Requirements 2012 to the information and methods used to model existing buildings.

The interviews were carried out to gather user experience to the subjects covered in the theoretical part of the research. Notable themes in the interviews were the situation of the field of repairs and renovations, the qualities of point cloud data in projects, requirements in the Common BIM Requirements 2012 and the interpretation of the above requirements in modeling existing buildings.

This research serves the field of repair and renovations in standardizing the methods used with point cloud data. With this research, architectural designers can pay attention to special features that point cloud data introduces to repair and renovation projects. With the help of this research, architectural designers can critically evaluate the information used in the project and can recommend additional information to be created.

General information

Publication status: Published
MoE publication type: G2 Master's thesis, polytechnic Master's thesis
Organisations: Architecture
Contributors: Savisaari, A.
Number of pages: 89
Publication date: 7 Jun 2017

Publication information

Publisher: Tampereen teknillinen yliopisto
ISBN (Electronic): 978-952-15-3950-3
Original language: Finnish

Publication series

Name: Tampereen teknillinen yliopisto. Arkkitehtuurin laboratorio. Muuttuva rakennettu ympäristö. Julkaisu
Volume: 3
ISSN (Electronic): 2489-4281
Electronic versions:
Savisaari
URLs:

<http://urn.fi/URN:ISBN:978-952-15-3950-3>
Research output: Book/Report › Master's Thesis › Scientific

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

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://urn.fi/URN:NBN:fi:tyy-201706091589>
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: Karpainen, 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

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

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

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
Portfolio EDEND: 2015-01-11

Source: researchoutputwizard

Source ID: 798

Research output: Contribution to journal > Article > Professional

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:tyy-201908232005>

Research output: Contribution to journal > Article > 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

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

Personal Trainer: Art Meets Energy Consumption, Pixelache Helsinki Festival 2010, Kiasma 25-28.3.2010

General information

Publication status: Published
MoE publication type: F1 Published independent work of art
Organisations: School of Architecture
Contributors: Alatalo, E.
Publication date: 2010
Media of output: Print

Bibliographical note

Contribution: organisation=ark ays,FACT1=1
Source: researchoutputwizard
Source ID: 7663
Research output: Artistic and non-textual form > Design > Solo art production

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
Contribution: organisation=ark,FACT2=0.5
Portfolio EDEND: 2013-10-29
Publisher name: Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka

Source: researchoutputwizard

Source ID: 1862

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

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

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

Publication status: Published

MoE publication type: A1 Journal article-refereed

Organisations: Architecture, Research group: Urban Planning and Design

Contributors: Amr, A.

Number of pages: 16

Publication date: May 2020

Peer-reviewed: Yes

Publication information

Journal: Land Use Policy

Volume: 94

Article number: 104552

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

Patinan viehätys: Aleksi Siurola entisöi ja myy suomalaista designia

General information

Publication status: Published
MoE publication type: E1 Popularised article, newspaper article
Organisations: Architecture
Contributors: Kalakoski, I.
Publication date: 2019
Peer-reviewed: Unknown

Publication information

Journal: DOT Design on Tampere
Volume: 7
Issue number: 2019
Original language: Finnish
URLs:
https://issuu.com/designontampere/docs/dot_lehti_2019_pages
Research output: Contribution to journal › Article › General public

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
Portfolio EDEND: 2013-11-29
Source: researchoutputwizard
Source ID: 2458
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
Contribution: organisation=ark ays,FACT1=0.5
Contribution: organisation=keb bio,FACT2=0.5
Source: researchoutputwizard

Source ID: 4280

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

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
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, ICSA 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
Portfolio EDEND: 2013-11-29

Source: researchoutputwizard

Source ID: 2355

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

Parantavat tilat silloin ja nyt: Meilahden pääsisäänkäyntiaula

General information

Publication status: Published

MoE publication type: F1 Published independent work of art

Organisations: Architecture, Research group: Architecture: History and Theory

Contributors: Lahdelma, I.
Publication date: 25 Nov 2016
Research output: Artistic and non-textual form › Exhibition › Solo art production › peer-review

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

Paraisten kalkkikaivoksen alueen kehittäminen: Arkkitehtiopiskelijoiden visioita

General information

Publication status: Published
Organisations: Architecture
Contributors: Kalakoski, I. (ed.)
Publication date: 2018

Publication information

Publisher: Tampereen teknillinen yliopisto
Year: 2018
ISBN (Print): 978-952-15-4109-4
Original language: Finnish
Electronic versions:
PARAINEN 2017
URLs:
<http://urn.fi/URN:ISBN:978-952-15-4109-4>
Research output: Other contribution › Scientific

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
Portfolio EDEND: 2013-10-29

Source: researchoutputwizard

Source ID: 2046

Research output: Contribution to journal › Article › Professional

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

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

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
Publisher name: Yhdyskuntasuunnittelu-lehti
Source: researchoutputwizard
Source ID: 6236
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
Publisher name: Yhdyskuntasuunnittelu-lehti
Source: researchoutputwizard
Source ID: 4362
Research output: Contribution to journal > Article > Scientific

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

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

Bibliographical note

Contribution: organisation=ark ays,FACT1=1

Source: researchoutputwizard

Source ID: 7981

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

ISBN (Print): 978-952-15-3321-1

ISBN (Electronic): 978-952-15-3322-8

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

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

Publication status: Published

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

Volume: 11

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:
10.1504/IJKBD.2020.106836
Source: Scopus
Source ID: 85084307497
Research output: Contribution to journal › Article › 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

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

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

On tiptoes

Exposition publique des projets primes Europan 10, 24-25.5.2010, Neuchatel, Switzerland

General information

Publication status: Published
MoE publication type: F1 Published independent work of art
Organisations: School of Architecture
Contributors: Alatalo, E., Hauru, J., Osara, V., Pirhonen, O.
Publication date: 2010

Media of output: Print

Bibliographical note

Architectural design: Alatalo, E., Hauru, J., Osara, V. & Pirhonen, O.
Contribution: organisation=ark ays,FACT1=1

Source: researchoutputwizard

Source ID: 7665

Research output: Artistic and non-textual form › Design › Solo art production

On tiptoes

European 10 results : inventing urbanity : regeneration, revitalization, colonization

General information

Publication status: Published

MoE publication type: F1 Published independent work of art

Organisations: School of Architecture

Contributors: Alatalo, E., Hauru, J., Osara, V., Pirhonen, O.

Publication date: 2010

Media of output: Print

URLs:

<http://www.arkitektur.no/?nid=207224>

Bibliographical note

Architectural design: Alatalo, E., Hauru, J., Osara, V., Pirhonen, O.
Contribution: organisation=ark ays,FACT1=1

Source: researchoutputwizard

Source ID: 7666

Research output: Artistic and non-textual form › Design › Solo art production

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

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

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
Portfolio EDEND: 2014-09-30
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

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
Portfolio EDEND: 2014-12-30
Source: researchoutputwizard
Source ID: 448
Research output: Book/Report > Anthology > 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
Publisher name: Suomen Arkkitehtiliitto
Source: researchoutputwizard
Source ID: 8231
Research output: Contribution to journal > Article > Scientific > peer-review

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

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

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

Nuorisokeskus Marttisen sauna, opiskelijakilpailu 2015

General information

Publication status: Published

MoE publication type: D6 Edited professional books

Organisations: Architecture, Research group: Built Environment in Transition

Contributors: Karjalainen, M. (ed.), Pesonen, M. (ed.)

Number of pages: 53

Publication date: 2016

Publication information

Place of publication: Tampere

Publisher: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos. Rakennusoppi

ISBN (Print): 978-952-15-3847-6

Original language: Finnish

Research output: Book/Report › Anthology › 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

Research output: Chapter in Book/Report/Conference proceeding > Chapter > Professional

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
Publisher name: Yhdyskuntasuunnittelu-lehti

Source: researchoutputwizard

Source ID: 6235

Research output: Contribution to journal > Article > Scientific

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

Näyttelyn keskiössä puu: mihin puu venyy, mitä metsä meille merkitsee? Tampereen teknillisen korkeakoulun arkkitehtuurin laitoksen taide3-kurssi, näyttelyssä n. 70 osallistujaa

General information

Publication status: Published
MoE publication type: F1 Published independent work of art
Organisations: School of Architecture
Contributors: Lehtonen, H.
Publication date: 2010
Media of output: Print
URLs:
http://onoma.org/fi/nayttelyt/puunsyy_fi.php

Bibliographical note

Lehtonen, H.(toim).
Contribution: organisation=ark aht,FACT1=1
Source: researchoutputwizard
Source ID: 8599
Research output: Artistic and non-textual form › Design › Solo art production

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 oppituliin ja siellä professori Olli-Paavo Koposeen. Oppituliillemme 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 syvällisemmällä, 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
Portfolio EDEND: 2013-12-29

Source: researchoutputwizard

Source ID: 2312

Research output: Book/Report › Commissioned report › Professional

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
Contribution: organisation=ark,FACT1=1
Portfolio EDEND: 2013-12-29

Source: researchoutputwizard

Source ID: 2457

Research output: Book/Report › Anthology › Scientific › peer-review

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

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
Portfolio EDEND: 2013-11-29
Publisher name: Suomen Arkkitehtiilitto
Source: researchoutputwizard
Source ID: 2601
Research output: Contribution to journal > Article > Professional

Näkemyksiä maaseudun tulevaisuuden maankäytöstä: Raportti Sitran Maamerkitohjelman maankäyttööpajasta

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

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

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

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 kehittämissuunnitelman 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

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

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

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

Museum of the University of Valladolid: Centro Cívico Municipal de Boecillo (Valladolid)

Built work 'Municipal Civic Centre in Boecillo (Valladolid)' exhibited and published in catalogue at '50 Anniversary ETSAVA (School of Architecture in Valladolid). Time and Architecture' exhibition at Museum of the University of Valladolid (MUVa)

General information

Publication status: Published

MoE publication type: F2 Public partial realisation of a work of art

Organisations: Architecture, Universidad de Valladolid

Contributors: Martínez Rodríguez, J. M., Escudero Conesa, I., Nieto Fernandez, F.

Publication date: 7 May 2019

Media of output: Print

Event information

Event: Time and Architecture

Location: Museum University of Valladolid (MUVA), Valladolid, Spain

ASJC Scopus subject areas: Architecture

URLs:

<http://www.arquitectura.uva.es/2019/05/01/07-05-19-acto-de-homenaje-a-directores-etsava-e-inauguracion-de-exposicion-tiempo-y-arquitectura/>

Research output: Artistic and non-textual form › Exhibition › Art in coproduction › peer-review

Multi-story timber frame buildings in Finland -videopresentation

General information

Publication status: Published

Organisations: Architecture, Research group: Built Environment in Transition

Contributors: Karjalainen, M.

Publication date: 2016

Peer-reviewed: Unknown

Event: Paper presented at International Conference on Sustainable Civil Engineering, Cape Town, South Africa.

Research output: Other conference contribution › Paper, poster or abstract › Professional

Multistory timber apartment buildings are becoming common in forested Finland - Results of resident surveys point the way to the future of multistory 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

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

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

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., Echeverría 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

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. 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: 4365
Research output: Chapter in Book/Report/Conference proceeding > Chapter > Scientific

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/R417/index.html#30>
Research output: Contribution to journal > Article > Professional

Monimuotoistuva kaupungistuminen.

General information

Publication status: Published
MoE publication type: E1 Popularised article, newspaper article
Organisations: Architecture
Contributors: Hynynen, A.
Publication date: 30 Sep 2019
Peer-reviewed: Unknown

Publication information

Journal: Sanomalehti Ilkka
Original language: Finnish
URLs:
<https://www.ilkka.fi/mielipide/yleisolta/lukijoilta-monimuotoistuva-kaupungistuminen-1.3103118>
Research output: Contribution to journal > Comment/debate > General public

Monikulttuurisuus: segregaatio vai integraatio? Havainnot 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

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

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
Research output: Book/Report › Commissioned report › Professional

Monikäyttöinen koulu: Joustavuudella ekologisuutta tilasuunnitteluun

This master's thesis maps the multifunctionality of a school building from different perspectives. The goal was to explore how enabling varied uses and flexible spatial solutions could make the school building more vivid and in better use. The goal was to show how this could be a new ecological angle for school design.

Another viewpoint for this master's thesis was the new national core curriculum for basic education, that sees the pupil as a active learner. The new core curriculum requires pedagogical flexibility for spatial solutions to enable different, changing teaching and learning methods. This master's thesis shows multifunctional and flexible spatial solutions for elementary school.

The master's thesis consists of a written part that is visualized by graphs. The research approaches multifunctionality from two perspectives: in building scale from user's and the function's perspective and in spatial level. In building scale, the thesis maps the characteristics of a school that can answer the needs of various users. These characteristics are illustrated among the text with the exemplary school design. In spatial level, multifunctionality is approached by presenting the spatial solutions for flexibility and applying them to school design in concept level. In conclusion, a conceptual design for a multifunctional school in Vartiosaari is presented.

This master's thesis is part of the research project COMBI, which is led by Tampere University of Technology (TUT) and explores the concept of nearly zero-energy in the context of municipal service buildings. The thesis is included in the work package titled The Impact of Architecture on Energy Efficiency, carried out by TUT's School of Architecture. The work package's aim is to study current and future energy efficient building solutions as well as develop a tool for guiding the design and illustrating the connections between various aspects of energy efficient architectural design.

General information

Publication status: Published
MoE publication type: G2 Master's thesis, polytechnic Master's thesis
Organisations: Architecture
Contributors: Mustila, L.
Number of pages: 76
Publication date: 7 Jun 2016

Publication information

Publisher: Tampereen teknillinen yliopisto
ISBN (Electronic): 978-952-15-3963-3
Original language: Finnish

Publication series

Name: Tampereen teknillinen yliopisto. Arkkitehtuurin laboratorio. Asuntosuunnittelu. Julkaisu
Volume: 30
ISSN (Print): 2489-429X
Electronic versions:

Mustila

URLs:

<http://urn.fi/URN:ISBN:978-952-15-3963-3>

Research output: Book/Report › Master's Thesis › Scientific

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:tty-201709071869>

Research output: Contribution to journal › Article › 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
Portfolio EDEND: 2013-12-29

Source: researchoutputwizard

Source ID: 2634

Research output: Book/Report › Commissioned report › Professional

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

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
Contribution: organisation=ark ays,FACT1=1
Source: researchoutputwizard
Source ID: 6970
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
Contribution: organisation=ark ays,FACT1=1
Source: researchoutputwizard
Source ID: 6969
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › 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

Publication status: E-pub ahead of print

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

Volume: 33

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.jobe.2020.101625

Source: Scopus

Source ID: 85088861500

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

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

Mitattu, mallinnettu ja koettu lämpöviihtyvyys 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, Messukampus, 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
Portfolio EDEND: 2013-12-29

Source: researchoutputwizard

Source ID: 1892

Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > 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 TKK-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
Contribution: organisation=ark,FACT1=1
Portfolio EDEND: 2013-12-29

Source: researchoutputwizard

Source ID: 2428

Research output: Contribution to journal > Article > Scientific

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

Minimikoti - näyttely: Kuopion asuntomessut 16.7.-15.8.2010

General information

Publication status: Published
MoE publication type: F1 Published independent work of art
Organisations: School of Architecture
Contributors: Helamaa, A., Hedman, M.
Publication date: 2010
Media of output: Other
URLs:
<http://www.minimikoti.fi/homes.php>

Bibliographical note

Helamaa, A. & Hedman, M.(toim).
Contribution: organisation=ark ars,FACT1=1
Source: researchoutputwizard
Source ID: 8059
Research output: Artistic and non-textual form › Exhibition › Solo art production

Minimikoti -näyttely: Megapolis 2025

General information

Publication status: Published
MoE publication type: F1 Published independent work of art
Organisations: School of Architecture
Contributors: Hedman, M., Helamaa, A.
Publication date: 2010
Media of output: Print
URLs:
<http://megapolis2025.org/>

Bibliographical note

Contribution: organisation=ark ars,FACT1=1
Source: researchoutputwizard
Source ID: 8026
Research output: Artistic and non-textual form › Exhibition › Solo art production

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

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

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\(35611\)](FI/ARAtietopankki/ARAviesti/ARAviestin_verkkoartikkelit/Mika_estaa_joustavan_asuntorakentamisen(35611))

<http://urn.fi/URN:NBN:fi:tty-201705171413>

URLs:

<http://www.ara.fi/fi->

FI/ARAtietopankki/ARAviesti/ARAviestin_verkkoartikkelit/Mika_estaa_joustavan_asuntorakentamisen%2835611%29

Research output: Chapter in Book/Report/Conference proceeding > Chapter > 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

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 ays,FACT1=1
Source: researchoutputwizard
Source ID: 8931
Research output: Book/Report › Book › Scientific › peer-review

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
Publisher name: Suomen Arkkitehtiliitto
Source: researchoutputwizard
Source ID: 4442
Research output: Contribution to journal › Article › Professional

Melutaidegalleria, Soukanlahdenkatu

General information

Publication status: Published
MoE publication type: F2 Public partial realisation of a work of art
Organisations: Architecture, Research group: Architecture: History, Theory and Innovations
Contributors: Soini, K.
Publication date: 1 Oct 2016
URLs:

<http://www.kaisasoini.fi/julkiset-teokset/melutaidegalleria/soukanlahdenkatu-teksti.html>

<http://www.kaisasoini.fi/julkiset-teokset/melutaidegalleria/soukanlahdenkatu-teoskuvia.html>

Research output: Artistic and non-textual form › Artefact › Art in coproduction › peer-review

Melutaidegalleria, Santalahdentie vt 12

General information

Publication status: Published

MoE publication type: F2 Public partial realisation of a work of art

Organisations: Architecture, Research group: Architecture: History, Theory and Innovations

Contributors: Soini, K.

Publication date: 1 Oct 2016

URLs:

<http://www.kaisasoini.fi/julkiset-teokset/melutaidegalleria/santalahti-vt-12-teksti.html>

<http://www.kaisasoini.fi/julkiset-teokset/melutaidegalleria/santalahti-vt-12-teoskuvia.html>

Research output: Artistic and non-textual form › Artefact › Art in coproduction › peer-review

Meilahden sairaala-alueen pääsisäänkäynti; Puolanjuutalaisten historian museo: Suomen arkkitehtuuria 2010/2011, Arkkitehtuurin museo, Helsinki, 6.6.-30.9.2012

General information

Publication status: Published

MoE publication type: F1 Published independent work of art

Organisations: School of Architecture

Contributors: Lahdelma, I., Mahlamäki, R.

Publication date: 2012

Media of output: Print

Bibliographical note

Contribution: organisation=ark aht,FACT1=1

Source: researchoutputwizard

Source ID: 4605

Research output: Artistic and non-textual form › Design › Solo art production

Meilahden sairaala-alueen aula: Arkkitehti: 3: 34-41

General information

Publication status: Published

MoE publication type: F3 Artistic part of a non-artistic publication

Organisations: School of Architecture

Contributors: Lahdelma, I., Mahlamäki, R.

Publication date: 2012

Media of output: Print

Bibliographical note

Contribution: organisation=ark aht,FACT1=1
Publisher name: Suomen Arkkitehtiliitto

Source: researchoutputwizard

Source ID: 4603

Research output: Artistic and non-textual form › Architecture › Art in non-art work

Meilahden sairaala-alueen aula: L'industria della costruzioni, num. 426/2012: 112-116

General information

Publication status: Published

MoE publication type: F3 Artistic part of a non-artistic publication

Organisations: School of Architecture

Contributors: Lahdelma, I., Mahlamäki, R.

Publication date: 2012

Media of output: Print

Bibliographical note

Contribution: organisation=ark aht,FACT1=1

Source: researchoutputwizard

Source ID: 4604

Research output: Artistic and non-textual form › Architecture › Art in non-art work › peer-review

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

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 kestäväään 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

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

Research output: Book/Report › Commissioned report › Professional

Maritime Centre Vellamo; Kotka; Wooden Boat Centre, Kotka; Merikeskus Vellamo; Kotkan puuvenekeskus: Finnish Architecture 08 09, Milano, Italia; Politecnico di Milano, 26.3.- 6.4.2012

General information

Publication status: Published

MoE publication type: F1 Published independent work of art

Organisations: School of Architecture

Contributors: Lahdelma, I., Mahlamäki, R.

Publication date: 2012

Media of output: Print

Bibliographical note

Contribution: organisation=ark aht,FACT1=1

Source: researchoutputwizard

Source ID: 4602

Research output: Artistic and non-textual form › Design › Solo art production

Maritime Centre Vellamo, Kotka; Wooden Boat Center, Kotka - Kotkan merikeskus Vellamo, Kotkan puuvenekeskus: Näyttely Finnish Architecture 08 09, Eesti Architruurimuseumis Rotermanni Soolalaos, Tallinna, Viro 19.11-19.12.2010

General information

Publication status: Published

MoE publication type: F1 Published independent work of art

Organisations: School of Architecture

Contributors: Lahdelma, I., Mahlamäki, R.

Publication date: 2010

Media of output: Other

Bibliographical note

Contribution: organisation=ark aht,FACT1=1

Source: researchoutputwizard

Source ID: 8532

Research output: Artistic and non-textual form › Design › Solo art production

Maritime Centre Vellamo, Kotka; Wooden Boat Center, Kotka - Kotkan merikeskus Vellamo, Kotkan puuvenekeskus: Näyttely Finnish Architecture 08 09, Poitiers, France: Maison de l'architecture de Poitou-Charentes 1.9.-28.10.2010

General information

Publication status: Published

MoE publication type: F1 Published independent work of art

Organisations: School of Architecture

Contributors: Lahdelma, I., Mahlamäki, R.

Publication date: 2011

Media of output: Other

Bibliographical note

Contribution: organisation=ark aht,FACT1=1

Source: researchoutputwizard

Source ID: 6510

Research output: Artistic and non-textual form › Design › Solo art production

Maritime Centre Vellamo, Kotka; Wooden Boat Center, Kotka - Kotkan merikeskus Vellamo, Kotkan puuvenekeskus: Näyttely Finnish Architecture 08 09, Budapest, Unkari, FUGA 28.10.-14.11.2011

General information

Publication status: Published

MoE publication type: F3 Artistic part of a non-artistic publication

Organisations: School of Architecture

Contributors: Lahdelma, I., Mahlamäki, R.
Publication date: 2011
Media of output: Other

Bibliographical note

Contribution: organisation=ark aht,FACT1=1
Source: researchoutputwizard
Source ID: 6509
Research output: Artistic and non-textual form › Architecture › Art in non-art work

**Maritime Centre Vellamo, Kotka; Wooden Boat Center, Kotka - Kotkan merikeskus Vellamo, Kotkan puuvenekeskus:
Näyttely Finnish Architecture 08 09, Vapriikki, Tampere 20.9.-9.10.2010**

General information

Publication status: Published
MoE publication type: F1 Published independent work of art
Organisations: School of Architecture
Contributors: Lahdelma, I., Mahlamäki, R.
Publication date: 2011
Media of output: Other

Bibliographical note

Contribution: organisation=ark aht,FACT1=1
Source: researchoutputwizard
Source ID: 6508
Research output: Artistic and non-textual form › Design › Solo art production

Maritime Centre Vellamo: Design + Art in Greece: 43: 132-133

General information

Publication status: Published
MoE publication type: F3 Artistic part of a non-artistic publication
Organisations: School of Architecture
Contributors: Lahdelma, I., Mahlamäki, R.
Publication date: 2012
Media of output: Print

Bibliographical note

Contribution: organisation=ark aht,FACT1=1
Source: researchoutputwizard
Source ID: 4600
Research output: Artistic and non-textual form › Architecture › Art in non-art work › peer-review

Maritime Centre Vellamo: Panorama, architecture newspaper: A hyge Wave: 50-51

General information

Publication status: Published
MoE publication type: F3 Artistic part of a non-artistic publication
Organisations: School of Architecture
Contributors: Lahdelma, I., Mahlamäki, R.
Publication date: 2012
Media of output: Print

Bibliographical note

Contribution: organisation=ark aht,FACT1=1
Source: researchoutputwizard
Source ID: 4601
Research output: Artistic and non-textual form › Architecture › Art in non-art work

Maritime Centre Vellamo: Margenes Arquitectura: 4: 32-35

Norteuropa: Finlandia: Avanto Architects, Lahdelma & Mahlamäki Architects. (Centro Maritimo Vellamo, Kotka, Lahdelma & Mahlamäki Architects p. 34-35)

General information

Publication status: Published
MoE publication type: F3 Artistic part of a non-artistic publication
Organisations: School of Architecture
Contributors: Lahdelma, I., Mahlamäki, R.
Publication date: 2012
Media of output: Print
URLs:
<http://margenesarquitectura.com/norteuropa.htm>

Bibliographical note

Contribution: organisation=ark aht,FACT1=1
Source: researchoutputwizard
Source ID: 4599
Research output: Artistic and non-textual form › Architecture › Art in non-art work › peer-review

Maritime Center Vellamo

General information

Publication status: Published
MoE publication type: F1 Published independent work of art
Organisations: School of Architecture
Contributors: Lahdelma, I.
Publication date: 2011
Media of output: Print

Bibliographical note

Contribution: organisation=ark aht,FACT1=1
Source: researchoutputwizard
Source ID: 6502
Research output: Artistic and non-textual form › Design › Solo art production

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

Marianne Laiti - pastellimaalauksia: Galleria Leonardo, Tampere 28.1.-22.2.2012

General information

Publication status: Published
MoE publication type: F1 Published independent work of art
Organisations: School of Architecture
Contributors: Laiti, M.
Publication date: 2012
Media of output: Other

Bibliographical note

Contribution: organisation=ark aht,FACT1=1

Source: researchoutputwizard

Source ID: 4638

Research output: Artistic and non-textual form › Exhibition › Solo art production

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

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

Makkarapötköä vai moninaista mosaikkia? 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

Main Library, Rauma

General information

Publication status: Published

MoE publication type: F1 Published independent work of art

Organisations: School of Architecture

Contributors: Lahdelma, I., Mahlamäki, R.

Publication date: 2011

Media of output: Print

Bibliographical note

Contribution: organisation=ark aht,FACT1=1

Source: researchoutputwizard

Source ID: 6507

Research output: Artistic and non-textual form › Design › Solo art production

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
Portfolio EDEND: 2013-10-29

Source: researchoutputwizard

Source ID: 5242

Research output: Contribution to journal › Article › 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

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

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

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

Lusto, The Finnish Forest Museum and Forest Information Centre, Punkaharju

General information

Publication status: Published

MoE publication type: F1 Published independent work of art

Organisations: School of Architecture

Contributors: Kaira, M., Lahdelma, I., Mahlamäki, R.

Publication date: 2011

Media of output: Print

Bibliographical note

Contribution: organisation=ark aht,FACT1=1

Source: researchoutputwizard

Source ID: 6262

Research output: Artistic and non-textual form › Design › Solo art production

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

In the drive to reduce space-heating demand and associated CO₂ 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

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

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

Loimaa - Kohtaamisia ja kulttuuria

General information

Publication status: Published

MoE publication type: D4 Published development or research report or 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

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 compered 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

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

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
Portfolio EDEND: 2013-12-29
Publisher name: Suomen Arkkitehtiliitto
Source: researchoutputwizard
Source ID: 2760
Research output: Contribution to journal › Article › Professional

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. Syöksy -tutkimushankkeen loppuraportti
Place of publication: Helsinki
Publisher: METROPOLIA AMMATTIKORKEAKOULU
ISBN (Print): 978-952-5797-51-0

Bibliographical note

Contribution: organisation=tlo,FACT1=0.5
Contribution: organisation=ark ays,FACT2=0.5
Source: researchoutputwizard
Source ID: 6268
Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific

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

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

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
Portfolio EDEND: 2013-12-29
Source: researchoutputwizard
Source ID: 2361
Research output: Chapter in Book/Report/Conference proceeding > Chapter > 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

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 Vihtien 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

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

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

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

Lahdelma & Mahlamäki Oy:lle voitto korkeatasoisessa Oulun Kastellin kilpailussa: Arkkitehtiutiset

General information

Publication status: Published
MoE publication type: F1 Published independent work of art
Organisations: School of Architecture
Contributors: Kjisik, H., Lahdelma, I., Mahlamäki, R.
Publication date: 2010
Media of output: Print

Bibliographical note

Contribution: organisation=ark aht,FACT1=1

Source: researchoutputwizard

Source ID: 8384

Research output: Artistic and non-textual form › Design › Solo art production

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

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 soveltuvalla tavalla. Tämän lisäksi yhteiskäyttöisiä resursseja kehitetään paikallisella tasolla. Pienemmät, paikallisen tason core-laboratoriot palvelevat alan tutkimusta alueellisesti kampuksen, rakennuksen tai huoneistojen mittakaavassa. Tapaus tutkimuksen tulokset osoittavat, että laboratorioiden yhteiskäyttöisyydessä on paljon potentiaalia tutkijoiden tietotaidon vaihdon, yhteisöllisyyden kehittymisen ja kustannustehokkaan toiminnan näkökulmista. Henkilöstön rekrytoinnin ja sitoutuneisuuden näkökulmista voidaan nähdä, että parhaat laboratoriot houkuttelevat parhaita tutkijoita. Globalisaation myötä kilpailu huipputaajista 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

Bibliographical note

EXT="Yläoutinen, Jyrki"

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Professional

Kymppi tools for MapInfo: http://www.jyvaskyla.fi/kymppimoni/kymppir_tools

General information

Publication status: Published

MoE publication type: I2 ICT software

Organisations: School of Architecture

Contributors: Joutsiniemi, A., Vanhatalo, J.

Publication date: 2013

Media of output: Online

Bibliographical note

Contribution: organisation=ark,FACT1=1
Portfolio EDEND: 2013-12-29

Source: researchoutputwizard

Source ID: 2432

Research output: Artistic and non-textual form › Software › Scientific

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

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

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

Kutsuttuna kuvataiteilijana: luonnos Nokian Harjuniityn koulukeskuskukun julkiseksi taideteokseksi: kilpailevat luonnokset tilattu neljältä taiteilijalta. ei toteutusta.

General information

Publication status: Published

MoE publication type: F1 Published independent work of art

Organisations: School of Architecture

Contributors: Soini, H.

Publication date: Jun 2015

Research output: Artistic and non-textual form > Artefact > Solo art production > peer-review

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

Kulttuurin tähtikarttoja.

General information

Publication status: Published
MoE publication type: E1 Popularised article, newspaper article
Organisations: Architecture, Research group: Urban Laboratory
Contributors: Hynynen, A.
Publication date: 2020
Peer-reviewed: Unknown

Publication information

Journal: Kulttuurilehti ilmiö
Issue number: 1/2020
Original language: Finnish
URLs:

<https://taideseinajoki.fi/ilmiö03/kulttuurikeskus/kulttuurin-tahtikarttoja/>
Research output: Contribution to journal › Comment/debate › General public

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

Kulttuuria yhdyskuntarakenteessa? Urbaanin 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

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

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

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:

Kuivaspaan_kylasuunnitelma_2painos_sahk_

URLs:

<http://urn.fi/URN:NBN:fi:tuni-202001101165>

Research output: Book/Report › Commissioned report › Professional

Kuinka tehdään kaupunkia kaupunkiin

General information

Publication status: Published

MoE publication type: E1 Popularised article, newspaper article

Organisations: School of Architecture

Contributors: Hynynen, A.

Number of pages: 1

Publication date: 2014

Peer-reviewed: Unknown

Publication information

Journal: Ilkka 19.11.2014

ISSN (Print): 0356-1283

Original language: Finnish

URLs:

<http://www.ilkka.fi/mielipide/yleis%C3%B6lt%C3%A4/kuinka-tehdaan-kaupunkia-kaupunkiin-1.1722306>

Bibliographical note

Contribution: organisation=ark,FACT1=1
Portfolio EDEND: 2014-12-30

Source: researchoutputwizard

Source ID: 529

Research output: Contribution to journal › Article › General public

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

Kotkan merikeskus, Vellamo; Kotkan puuvenekeskus: Suomen arkkitehtuuria 0809, Finnish Architecture 0809, Suomen Rakennustaiteen museo, Helsinki, 9.6. - 26.9.2010

General information

Publication status: Published

MoE publication type: F1 Published independent work of art

Organisations: School of Architecture

Contributors: Lahdelma, I.

Publication date: 2010

Media of output: Print

Bibliographical note

Arkkitehti: Lahdelma, I.
Contribution: organisation=ark aht,FACT1=1

Source: researchoutputwizard

Source ID: 8529

Research output: Artistic and non-textual form › Design › Solo art production

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

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

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

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

Konstrundan 2017, öppna dörrar, exhibition

General information

Publication status: Published

MoE publication type: F1 Published independent work of art

Organisations: Architecture

Contributors: Panu, A.

Publication date: Aug 2017

Research output: Artistic and non-textual form › Exhibition › Solo art production › peer-review

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
Portfolio EDEND: 2013-10-29
Publisher name: Suomen Arkkitehtiliitto

Source: researchoutputwizard

Source ID: 2354

Research output: Contribution to journal › Article › Professional

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
Publisher name: Yhdyskuntasuunnittelu-lehti
Source: researchoutputwizard
Source ID: 6234
Research output: Contribution to journal > Article > Scientific

Kokonaisvaltainen kehittämistyökalu arvoympäristön suojeluun: Arkkitehtuurialan väitös Tampereen teknillisessä yliopistossa 8.1.2016.

Description of Anca Dumitrescu's dissertation on managing historical urban environments.

General information

Publication status: Published
MoE publication type: E1 Popularised article, newspaper article
Organisations: School of Architecture, Research group: Urban Planning
Contributors: Chudoba, M.
Publication date: 19 Jan 2016
Peer-reviewed: Unknown

Publication information

Journal: Archinfo - Arkkitehtuurin tiedotuskeskus
Original language: Finnish
URLs:
<http://archinfo.fi/2016/01/kokonaisvaltainen-kehittamistyokalu-arvoymparistojen-suojeluun/>
Research output: Contribution to journal > Article > General public

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
Portfolio EDEND: 2013-12-29
Source: researchoutputwizard
Source ID: 2368
Research output: Book/Report > Anthology > Scientific > peer-review

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
Portfolio EDEND: 2013-12-29
Source: researchoutputwizard
Source ID: 2759
Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific

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

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

Kohti käyttäjakeskeistä 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

Kohti asukasta palvelevaa asuntoaluesuunnittelua: Suunnitelma Sastamalan Kukkurin rakentumiseksi

General information

Publication status: Published
MoE publication type: G2 Master's thesis, polytechnic Master's thesis
Organisations: School of Architecture
Contributors: Leif, L.
Number of pages: 157
Publication date: 3 Apr 2013

Publication information

Publisher: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos
ISBN (Print): 978-952-15-3028-9
ISBN (Electronic): 978-952-15-3029-6
Original language: Finnish

Publication series

Name: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos. Asuntosuunnittelu. Julkaisu
Volume: 9
ISSN (Electronic): 2242-4598
Electronic versions:

Lindegren

URLs:

<http://URN.fi/URN:ISBN:978-952-15-3029-6>

Research output: Book/Report › Master's Thesis › 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

Klingendahlin parveke, opiskelijakilpailu 2015

General information

Publication status: Published

MoE publication type: D6 Edited professional books

Organisations: Architecture, Research group: Built Environment in Transition

Contributors: Karjalainen, M. (ed.), Pesonen, M. (ed.)

Number of pages: 73

Publication date: 2016

Publication information

Place of publication: Tampere

Publisher: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos. Rakennusoppi

ISBN (Print): 978-952-154-3849-0

Original language: Finnish

Research output: Book/Report › Anthology › Professional

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
Portfolio EDEND: 2013-11-29
Publisher name: Yhdyskuntasuunnittelun Seura

Source: researchoutputwizard

Source ID: 2045

Research output: Contribution to journal › Article › Scientific

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

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
Publisher name: Yhdyskuntasuunnittelu-lehti
Source: researchoutputwizard
Source ID: 4364
Research output: Contribution to journal > Article > Scientific

Kilpailutyö esillä kansainvälisessä näyttelyssä: työn nimi Diamonds: E11 EXPO: exhibition of results and implementation, 18.-20.5.2012 SEMPERDEPOT/ATELIERHAUS, Vienna, Austria

General information

Publication status: Published
MoE publication type: F3 Artistic part of a non-artistic publication
Organisations: School of Architecture
Contributors: Poutanen, J.
Publication date: 2012
Media of output: Print

Bibliographical note

Contribution: organisation=ark ars,FACT1=1
Source: researchoutputwizard
Source ID: 5097
Research output: Artistic and non-textual form > Architecture > Art in non-art work > peer-review

Kilpailuista toteutukseen, Arkkitehtitoimisto Lahdelma&Mahlamäki Oy

General information

Publication status: Published
MoE publication type: F1 Published independent work of art
Organisations: School of Architecture, Research group: Architecture: History, Theory and Innovations
Contributors: Lahdelma, I.

Publication date: 2015

Research output: Artistic and non-textual form › Exhibition › Solo art production

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

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

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

Keski-Uudenmaan KUUMA-kuntien kehitys- ja ympäristökuva, Hyvinkäästä 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

Bibliographical note

Contribution: organisation=ays,FACT1=1
Source: researchoutputwizard
Source ID: 16987
Research output: Book/Report › Commissioned report › Professional

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
Contribution: organisation=ark ars,FACT1=1
Source: researchoutputwizard
Source ID: 4172
Research output: Book/Report › Anthology › Scientific › peer-review

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
Publisher name: Rakennustieto Oy; Rakennustarkasturyhdistys RTY ry;
Rakennustietosäätiö RTS
Source: researchoutputwizard
Source ID: 4171
Research output: Contribution to journal > Article > 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

Bibliographical note

Contribution: organisation=ark ays,FACT1=1
Source: researchoutputwizard
Source ID: 6157
Research output: Book/Report > Commissioned report > Professional

Kennosta kodiksi: tutkielmia moduulirakenteisista asuinkerrostaloista

General information

Publication status: Published
MoE publication type: G2 Master's thesis, polytechnic Master's thesis
Organisations: School of Architecture
Contributors: Tiia, R.
Number of pages: 84
Publication date: 3 Apr 2013

Publication information

Publisher: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos
Original language: Finnish

Publication series

Name: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos. Asuntosuunnittelu. Julkaisu

Volume: 8

ISSN (Electronic): 2242-4598

Electronic versions:

ruutikainen

URLs:

<http://URN.fi/URN:ISBN:978-952-15-3019-7>

Research output: Book/Report › Master's Thesis › Scientific

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
Portfolio EDEND: 2014-12-30

Source: researchoutputwizard

Source ID: 446

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

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/
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/
Research output: Contribution to journal › Article › 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:tyy-201712012287>

URLs:

http://tietokayttoon.fi/documents/10616/3866814/65_WHOLE-loppuraportti-20092017+%28%29.pdf/210de171-d6bf-4405-a2d4-cfa262fbd522?version=1.0

Research output: Book/Report › Commissioned report › Professional

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

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/

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
Portfolio EDEND: 2013-12-29
Publisher name: Suomen Arkkitehtiiliitto
Source: researchoutputwizard
Source ID: 2758
Research output: Contribution to journal › Article › 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

Kaupunkikoti lapselle: ohjeita, kuinka kehittää asuntoja urbaanissa ympäristössä pienen lapsen näkökulmasta

Migration to city centres is an increasing phenomena in Finland. One of the largest groups moving to live in cities, in addition to single persons and the elderly, are families with children. Work-related moving to cities is common, but families have also become interested in urban living. However the excess demand in the housing market does not meet the willingness of the families to move to city centres. The housing designs in the city centres also primarily focus on the requirements of adults and the needs of children have been left in the background. What kind of housing do the families with children in urban environment require and what are the details to be taken in the account from the perspective of children?

That is the question this thesis aims to answer. Research were collected to achieve an understanding of child development and requirements to create a basis for housing design from the perspective of children. The focus in on children under school age for whom home is one of the most important growth environments and greatly affects their development. Child-friendly housing designs for different concepts are considered based on the research. These concepts involve different types of families for which various floor plans are introduced in this study. The goal is to find child-friendly housing solutions and to give means on which to build on when developing apartments designed for families with small children.

General information

Publication status: Published
MoE publication type: G2 Master's thesis, polytechnic Master's thesis
Organisations: School of Architecture
Contributors: Tuominen, I.

Number of pages: 115
Publication date: May 2016

Publication information

Publisher: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos
ISBN (Electronic): 978-952-15-3752-3
Original language: Finnish

Publication series

Name: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos. Asuntosuunnittelu. Julkaisu
Volume: 25
ISSN (Print): 2242-4598
Keywords: children, housing design, apartment, housing
Electronic versions:
Tuominen - Kaupunkikoti lapselle
URLs:
<http://urn.fi/URN:ISBN:978-952-15-3752-3>
Research output: Book/Report › Master's Thesis › Scientific

Kaupunki koronan jälkeen

General information

Publication status: Published
MoE publication type: E1 Popularised article, newspaper article
Organisations: Architecture
Contributors: Hynynen, A.
Publication date: 4 May 2020
Peer-reviewed: Unknown

Publication information

Journal: Ilkka-Pohjalainen
Original language: Finnish
URLs:
<https://ilkkapohjalainen.fi/mielipide/yleisolta/lukijoilta-kaupunki-koronan-jalkeen-1.5096011>
Research output: Contribution to journal › Comment/debate › General public

Kaupunkievoluution tunnistaminen ja tukeminen itseohjeutuvilla 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
Research output: Book/Report › Commissioned report › Professional

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

Kaupunkia etsimässä - Eliel Saarinen Amerikassa 1923-1950

In my dissertation, *Kaupunkia etsimässä – Eliel Saarinen Amerikassa 1923–1950* (Search for a City – Eliel Saarinen in America 1923–1950) Eliel Saarinen's American career is described as a continuation of his career in Finland. The focus is on urban design and planning. Saarinen's career as an urban planner may be followed from the Helsinki railway station (which inspired him to search for solutions to traffic problems) to street plans, international competitions and visionary designs for the future of Helsinki. In the latter, his urban design ideas may be seen in the largest scope of scales: from the city region to the details of housing design. Also in the United States Saarinen's career was marked by a design attitude that used a variety of scales. The city region was taken over by Saarinen in his organic decentralization, but at the same time he took notice of urban details and designed houses, interiors and textiles. In housing design Saarinen used the catalogue of attached houses that he had already researched in Finland, and did not see the need to rethink the spatial solutions to everyday living in his American rowhouse designs. Recurring themes throughout several decades were, for example, similar spatial arrangements in apartment plans, connections between interior and exterior, composition of street space, flowing traffic solutions with a hierarchy of streets and paths and taking into account the larger context connected to the design task. At the same time, the designs show Saarinen's familiarity with the current urban discourse in the United States: block structure became more open and the hierarchical separation of various traffic forms was more important than before. The designer combined modernity with a knowledge of the past. Saarinen was designing a city even when designing one building. Behind the attitude of controlling wholes was the idea of the city as a *Gesamtkunstwerk*, a total work of art. Saarinen saw the different phases of this idea during his career. In the Munkkiniemi-Haaga Plan he appeared as an artist, but in America he was confronted with a new kind of planning context: the problems of dense metropolitan cores and spreading suburbs. Saarinen's solution to both problems was the gradual process of organic decentralization. The city planner's role changed from an artist to the portrayer of processes. The urban region was looked at from above, but at the same time homes were designed and details drawn. Eliel Saarinen's career was one of the most extensive examples of an urban application of the *Gesamtkunstwerk* idea. The American legacy of Saarinen the urban designer consisted of a skyscraper model that influenced urban centers in the United States of the 1920s, the process of organic decentralization that aimed at creating order to metropolitan growth, and the idea of an architect's pedagogical responsibility as an educator of the general public. Education could be furthered by books as well as thoughtfully designed environments. The roles of an urban planner, building designer and educator were all intertwined, as were the various scales of design work. In Eliel Saarinen's designs all scale levels came together to form a whole, which was described by biological analogies in Saarinen's writings. The city was an organism, and both the scalar hierarchies and the inspiration for form search were found in nature. Saarinen's interpretation of the *Gesamtkunstwerk* idea evolved into an interaction and harmony of levels of scale, which guided his design process whether the task was objects or city regions. To his students he especially stressed the importance of taking into account the next higher scale level in design. Mastering scale levels had then – as well as now – an essential importance in architectural design processes.

General information

Publication status: Published

MoE publication type: G4 Doctoral dissertation (monograph)

Organisations: School of Architecture

Contributors: Chudoba, M.

Publication date: 2011

Publication information

Place of publication: Tampere
Publisher: Tampere University of Technology
ISBN (Print): 978-952-15-2629-9
Original language: Finnish

Publication series

Name: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos. Julkaisu
Publisher: Tampere University of Technology
Volume: 6
ISSN (Print): 1797-4143
Electronic versions:
chudoba.pdf
URLs:
<http://urn.fi/URN:ISBN:978-952-15-2870-5>

Bibliographical note

Awarding institution: Tampere University of Technology
Source: researchoutputwizard
Source ID: 5848
Research output: Book/Report > Doctoral thesis > Monograph

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
Portfolio EDEND: 2013-12-29
Source: researchoutputwizard
Source ID: 2757
Research output: Chapter in Book/Report/Conference proceeding > Chapter > Scientific

Kaupunginosan näköinen koti

General information

Publication status: Published
MoE publication type: E1 Popularised article, newspaper article
Organisations: Architecture, Research group: Architecture: History and Theory
Contributors: Kalakoski, I.
Publication date: 2017
Peer-reviewed: Unknown

Publication information

Journal: DOT Design on Tampere
Issue number: 5
Original language: Finnish
URLs:
<http://designontampere.com/dot-lehti/>
Research output: Contribution to journal > Article > General public

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
Publisher name: Yhdyskuntasuunnittelu-lehti
Source: researchoutputwizard
Source ID: 8229
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

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
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: 4911

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 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: 7096

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

Kauppakeskus 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

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 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: 6166
Research output: Chapter in Book/Report/Conference proceeding > Chapter > Scientific

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

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

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: 5159

Research output: Chapter in Book/Report/Conference proceeding > Chapter > Scientific

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

Katsaus vähähiilisyiden 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:

vahahiilisyys

URLs:

<http://urn.fi/URN:ISBN:978-952-15-4024-0>

Research output: Working paper > Discussion paper > 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

Bibliographical note

Contribution: organisation=ark ars,FACT1=1
Publisher name: Suomen betonitieto
Source: researchoutputwizard
Source ID: 4272
Research output: Contribution to journal › Article › Professional

Katsaus 2016: Kastellin monitoimitalo

General information

Publication status: Published
MoE publication type: F1 Published independent work of art
Organisations: Architecture, Research group: Architecture: History and Theory
Contributors: Lahdelma, I.
Publication date: 25 Nov 2017
Research output: Artistic and non-textual form › Exhibition › Solo art production › peer-review

Kastellin monitoimitalo Oulu / Projektiutiset 4/2014

General information

Publication status: Published
MoE publication type: F1 Published independent work of art
Organisations: School of Architecture, Research group: Architecture: History, Theory and Innovations
Contributors: Lahdelma, I.
Publication date: 2014
Research output: Artistic and non-textual form › Architecture › Solo art production

Kastellin monitoimitalo Oulu, Prointerior 4/2014

General information

Publication status: Published
MoE publication type: F1 Published independent work of art
Organisations: School of Architecture, Research group: Architecture: History, Theory and Innovations
Contributors: Lahdelma, I.
Publication date: 2014
Research output: Artistic and non-textual form › Architecture › Solo art production

Kastellin monitoimitalo Oulu, Arkkitehtilehti 4/15

General information

Publication status: Published
MoE publication type: F1 Published independent work of art
Organisations: School of Architecture, Research group: Architecture: History, Theory and Innovations
Contributors: Lahdelma, I.
Publication date: 2015
Research output: Artistic and non-textual form › Architecture › Solo art production

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-FI/Tietopankki/ARAviesti/ARAviestin_verkkoartikkelit/KARKIT__Kohtuuhintaisen_asumisen_rakennu(47729))
Research output: Contribution to journal › Article › Professional

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

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

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

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

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

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

Kaisa Soinin ja 21 taiteilijan töitä esillä kesänäyttelyssä

General information

Publication status: Published

MoE publication type: F1 Published independent work of art

Organisations: School of Architecture

Contributors: Soini, K.

Publication date: 2010

Media of output: Print

Bibliographical note

Poistettu r=1997
Contribution: organisation=ark aht,FACT1=1

Source: researchoutputwizard

Source ID: 9303

Research output: Artistic and non-textual form > Design > Solo art production

Kaisa Soini

Kotisivut www.kaisasoini.fi. website showing my artistic work and career

General information

Publication status: Published

MoE publication type: F1 Published independent work of art

Organisations: Architecture

Contributors: Soini, K.

Publication date: 1 Nov 2018

Media of output: Online

Keywords: kaisa soini website

URLs:

<http://www.kaisasoini.fi>

Research output: Artistic and non-textual form > Web publication/site > Solo art production

Kaapelitehdas 25 v., avoimet ovet, näyttely

General information

Publication status: Published

MoE publication type: F1 Published independent work of art

Organisations: Architecture

Contributors: Panu, A.

Publication date: Aug 2017

Research output: Artistic and non-textual form › Exhibition › Solo art production

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

Joustavat asuinympäristöt: 10 visiota aikaa kestävään kaupunkiasumiseen

Housing production is usually based on the belief of predictability, but this approach is inconsistent with the fact that the future cannot be predicted. Residential design and construction must therefore adopt more flexible and adaptable principles, where the impossibility of making predictions is taken into account. Adaptable housing can help to meet the forthcoming and increasingly diverse housing needs, providing housing alternatives in a sustainable way. Ten visions presented in this publication introduce a wide range of means, methods and scales to achieve adaptability and flexibility in housing construction. The publication consists of ten design assignments created during an advanced housing design course at Tampere University of Technology in spring 2013. The publication presents not only a wide range of means to achieve flexibility in housing construction, but also their direct connection with the practice. The publication is part of a study concerning user-centric spaces in the Indoor Environment Program of RYM Oy.

General information

Publication status: Published

MoE publication type: D6 Edited professional books

Organisations: School of Architecture, Research group: ASUTUT

Contributors: Kotilainen, S. (ed.), Hedman, M. (ed.), Heikkinen, J. (ed.)

Number of pages: 268

Publication date: 31 Mar 2015

Publication information

Place of publication: Tampere

Publisher: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos

ISBN (Print): 978-952-15-3476-8

ISBN (Electronic): 978-952-15-3477-5

Original language: Finnish

Publication series

Name: Housing Design

Publisher: Tampere University of Technology. School of Architecture. Housing Design. Publication;16

Electronic versions:

joustavat_asuinymparistot

URLs:

<http://URN.fi/URN:ISBN:978-952-15-3477-5>

URLs:

<http://URN.fi/URN:ISBN:978-952-15-3477-5>

Bibliographical note

Versio ja lupa ok 12.1.2016 KK

Research output: Book/Report › Anthology › Professional

Joustavan asunnon tilalliset logiikat: Eilaisiin käyttöihin mukautumiskykyisen asunnon tilallisista lähtökohdista ja suunnitteluperiaatteista

This research maps spatial solutions and spatial thinking that generate flexibility to dwellings. Flexibility is defined here as the ability to adapt to various uses. The research questions are a) what kind of spatial solutions and interrelated principles of flexible space organization can be distinguished, b) what kind of relation or interdependency is there between these spatial principles and dwelling flexibility, and c) which issues should the architect specifically focus on when designing dwellings following these principles.

The research approaches flexible dwelling space and spatial thinking behind it in two different ways. The first approach takes a look at various classifications and conceptualizations of flexible dwellings made by housing researchers in Europe since the early 1960's. The second approach looks directly at a variety of flexible dwellings. Comparing and analyzing floor plans this approach builds knowledge and understanding on various spatial features that create flexibility.

These two approaches are treated in a comparative way. This means that the conceptualizations are used in grouping exemplary floor plans and floor plan groups are used to analyse contents and meanings of the conceptualizations. Through this double exposure a new theory, a theory of various spatial logics of dwelling flexibility, is formulated. Spatial logic, a term and concept adopted in this research, is defined as a principle or understanding that guides the organization, provision and arrangement of the built space. The concept unites tangible space and human thinking.

In this research seven distinct spatial logics of dwelling flexibility are formulated. These logics are based on transformability or multifunctionality. Alongside the logics these two basic approaches to flexible space are widely discussed.

Every logic opens up a specific view to flexibility. This means that it has certain potential but also various limitations. None of the logics is able to provide all inclusive flexibility. However, a space or a set of spaces that constitute a dwelling does not need to follow only one single logic but several logics can be combined.

The logics guide design and building. They materialize as buildings' long-lasting properties. The choice of a logic that architect consciously or unconsciously makes is a vitally important strategic decision that essentially affects the sustainability of the built environment.

The theory produced in this research contains new terminology and a set of concepts focusing on the thematics of flexibility in Finnish. It is useful for both design and research on housing as well as for education. The theory challenges some common design practices in housing, especially the dominant 20th-century discourse emphasizing tight-fit functionality

General information

Publication status: Published
MoE publication type: G4 Doctoral dissertation (monograph)
Organisations: School of Architecture
Contributors: Tarpio, J.
Number of pages: 427
Publication date: 15 May 2015

Publication information

Publisher: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos
ISBN (Print): 978-952-15-3509-3
ISBN (Electronic): 978-952-15-3510-9
Original language: Finnish

Publication series

Name: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos. Asuntosuunnittelu
No.: 18
ISSN (Print): 2242-4598
Keywords: architecture, housing, architectural theory, design theory, spatial theory, flexibility, transformability, multifunctionality
Electronic versions:

Jyrki Tarpio Joustavan asunnon tilalliset logiikat
URLs:

<http://urn.fi/URN:ISBN:978-952-15-3510-9>
Research output: Book/Report > Doctoral thesis > Monograph

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

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 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: 6287
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
Contribution: organisation=ark ays,FACT1=1
Source: researchoutputwizard
Source ID: 6158
Research output: Chapter in Book/Report/Conference proceeding > Chapter > Scientific

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
Portfolio EDEND: 2013-12-29
Source: researchoutputwizard
Source ID: 2459
Research output: Book/Report > Commissioned report > Professional

Joensuu Primary School, Joensuu Finland, 2006; New School Architecture from Europe: World Architecture: 10/2011: 100-105

General information

Publication status: Published
MoE publication type: F3 Artistic part of a non-artistic publication
Organisations: School of Architecture
Contributors: Lahdelma, I., Mahlamäki, R.
Publication date: 2011
Media of output: Print

Bibliographical note

Contribution: organisation=ark aht,FACT1=1
Source: researchoutputwizard
Source ID: 6505
Research output: Artistic and non-textual form > Architecture > Art in non-art work

Joensuu Primary School, Joensuu Finland 2006: Architecture Exhibition: New Nordic Architecture, Louisiana Museum of Modern Art, Humlebaek, Denmark, 29.6.-21.10.2012

General information

Publication status: Published
MoE publication type: F3 Artistic part of a non-artistic publication
Organisations: School of Architecture
Contributors: Lahdelma, I., Mahlamäki, R.
Publication date: 2012
Media of output: Other

Bibliographical note

Contribution: organisation=ark aht,FACT1=1

Source: researchoutputwizard

Source ID: 4598

Research output: Artistic and non-textual form › Architecture › Art in non-art work

Joensuun lyseon peruskoulu, Joensuu 2006: Maailman paras koulu - The Best School in the World - näyttely, Suomen rakennustaiteen museo, 8.6.-25.9.2011

General information

Publication status: Published

MoE publication type: F3 Artistic part of a non-artistic publication

Organisations: School of Architecture

Contributors: Lahdelma, I., Mahlamäki, R.

Publication date: 2011

Media of output: Other

Bibliographical note

Contribution: organisation=ark aht,FACT1=1

Source: researchoutputwizard

Source ID: 6506

Research output: Artistic and non-textual form › Architecture › Art in non-art work

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

Jaetut tilat joustavan asumisen mahdollistajana

The changing lifestyles and ways of living, as well as demographic changes require flexibility in housing. This thesis deals with flexible housing that is enabled through the possibilities of shared spaces. Shared space is a common space shared by two or more dwellings, but which does not necessarily have to be used simultaneously. The potential that lies in shared spaces have not really taken into consideration on the field of study or practice. The research of flexible housing has mainly focused on private homes and their internal flexibility while the concept of sharing spaces hasn't very strongly come up. In realized projects these kind of spaces have been so far used mainly in housing that is designed only for special user groups. However, there are many various ways to benefit from the use of shared spaces. Therefore, the subject is worth looking into when studying flexible housing.

Flexible housing and its implementation methods are mapped by studying the related research literature. The base for the development of the concepts is formed by studying and analyzing the features and benefits of shared spaces. The formed menu of the features is a tool that can be used in flexible housing projects, that wish to take advantage of shared facilities. Five design concepts are formed by combining the features of shared spaces in various ways. For each concept a plan application will also be implemented. The flexibility of the designs is displayed with residential stories, that show the relation between the design and changes in people's life situations and needs. By means of design applications and residential stories it is proved that shared spaces are one way to achieve flexible housing and respond to people's changing needs and lifestyles.

General information

Publication status: Published

MoE publication type: G2 Master's thesis, polytechnic Master's thesis

Organisations: School of Architecture

Contributors: Iida, H.

Number of pages: 83

Publication date: 8 Oct 2014

Publication information

Publisher: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos
ISBN (Print): 978-952-15-3348-8
ISBN (Electronic): 978-952-15-3349-5
Original language: Finnish

Publication series

Name: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos. Asuntosuunnittelu. Julkaisu
Volume: 15
ISSN (Print): 2242-4598
Electronic versions:

hedberg

URLs:

<http://URN.fi/URN:ISBN:978-952-15-3349-5>

Research output: Book/Report › Master's Thesis › 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

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

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
Portfolio EDEND: 2015-01-11
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

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

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
Portfolio EDEND: 2013-12-29

Source: researchoutputwizard

Source ID: 4361

Research output: Contribution to journal › Article › Scientific

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

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

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
Portfolio EDEND: 2013-12-29
Source: researchoutputwizard
Source ID: 2427
Research output: Contribution to journal › Article › Scientific

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

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

Ikkunoita metamorfologiaan

General information

Publication status: Published

MoE publication type: E1 Popularised article, newspaper article

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

Contributors: Cerrone, D., Lehtovuori, P.

Publication date: 2017

Peer-reviewed: Unknown

Publication information

Journal: Arkkitehti-lehti, Finnish Architectural Review

Issue number: 4

Original language: English

Keywords: metamorphology, workshop, ARCHITECTURE, cultural analytics, city form, urbanism

URLs:

<http://www.ark.fi/kaikki-numerot/3173-asuminen-kaupungissa>

Research output: Contribution to journal › Article › General public

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

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-nakokulma-integroidun-asumisen-jaetuissa-tiloissa/>

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

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

ICT-Talo, Turku: Hyödyllistä ja kaunistavaa - Senaatti-kiinteistöjen historia 1811-2011

General information

Publication status: Published

MoE publication type: F3 Artistic part of a non-artistic publication

Organisations: School of Architecture

Contributors: Lahdelma, I., Mahlamäki, R.

Publication date: 2011

Media of output: Print

Bibliographical note

Contribution: organisation=ark aht,FACT1=1

Source: researchoutputwizard

Source ID: 6504

Research output: Artistic and non-textual form › Architecture › Art in non-art work › 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
Contribution: organisation=ark ars,FACT1=1
Source: researchoutputwizard
Source ID: 3843
Research output: Book/Report > Anthology > Scientific > peer-review

Human Wiz

General information

Publication status: Published
MoE publication type: F1 Published independent work of art
Organisations: School of Architecture
Contributors: Alatalo, E., Acharya, K., Hautamäki, J., Tommiska, A.
Publication date: 2010
Media of output: Print

Bibliographical note

Contribution: organisation=ark ays,FACT1=1
Source: researchoutputwizard
Source ID: 7664
Research output: Artistic and non-textual form > Design > Solo art production

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
Portfolio EDEND: 2014-12-30
Source: researchoutputwizard
Source ID: 912
Research output: Contribution to journal > Article > Professional

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:ty-201606304320>

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

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
Portfolio EDEND: 2015-01-09
Source: researchoutputwizard
Source ID: 535
Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific

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
Publisher name: Suomen Arkkitehtiiliitto
Source: researchoutputwizard
Source ID: 10747
Research output: Contribution to journal > Article > Scientific > peer-review

Hiedanrannan kehittämisvisio: 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., Särkilähti, 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 kehittämisvisio

URLs:

<http://urn.fi/URN:ISBN:978-952-15-3713-4>

Research output: Book/Report › Book › Professional

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
Contribution: organisation=ark ays,FACT1=1

Source: researchoutputwizard

Source ID: 4302

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

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
Contribution: organisation=ark ays,FACT1=1

Source: researchoutputwizard

Source ID: 8226

Research output: Contribution to journal › Article › Scientific

Havainnot ja 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
Portfolio EDEND: 2013-12-29
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

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

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](https://doi.org/10.3390/ijerph16162948)

URLs:

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

Research output: [Contribution to journal](#) > [Article](#) > [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
Portfolio EDEND: 2014-12-30
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](#)

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
Research output: [Contribution to journal](#) > [Review Article](#) > [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](#)

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

Pages: 790-805

Publication date: 29 Nov 2019

Peer-reviewed: Yes

Publication information

Journal: INTERNATIONAL JOURNAL OF HERITAGE STUDIES

Volume: 26

Issue number: 8

ISSN (Print): 1352-7258

Ratings:

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:

From obscurity to heritage 2019

DOIs:

10.1080/13527258.2019.1693417

URLs:

<http://urn.fi/URN:NBN:fi:tuni-201912026491>

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
Portfolio EDEND: 2013-12-29

Source: researchoutputwizard

Source ID: 2761

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

Publication status: Published

MoE publication type: A1 Journal article-refereed

Organisations: Architecture

Contributors: Helamaa, A.

Number of pages: 18

Pages: 364-381

Publication date: Sep 2019

Peer-reviewed: Yes

Publication information

Journal: BUILT ENVIRONMENT

Volume: 45

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

Research output: Contribution to journal › Article › 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

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

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
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URLs:
<http://urn.fi/URN:ISBN:978-952-15-3109-5>

Bibliographical note

Contribution: organisation=ark,FACT1=1
Portfolio EDEND: 2015-01-26
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

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

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

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

URLs:

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

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
Portfolio EDEND: 2013-11-29

Source: researchoutputwizard

Source ID: 5023

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

Experience-Driven Design of Ambiences 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

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

Publication status: Published

MoE publication type: A1 Journal article-refereed

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

Contributors: Kaasalainen, T., Huuhka, S.

Number of pages: 17
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

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

Exactum, Helsinki University

General information

Publication status: Published
MoE publication type: F1 Published independent work of art
Organisations: School of Architecture
Contributors: Lahdelma, I., Mahlamäki, R.
Publication date: 2011
Media of output: Print

Bibliographical note

Contribution: organisation=ark aht,FACT1=1
Source: researchoutputwizard
Source ID: 6503

Research output: Artistic and non-textual form › Design › Solo art production

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

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

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

"Eurooppa Tampereella" -näyttely aikasyvyyden hahmottamisesta ja sen käsittelystä rakennuskulttuurin tueksi: Galleria Nottbeck, Tampere 9.2.-31.5.2012

General information

Publication status: Published
MoE publication type: F1 Published independent work of art
Organisations: School of Architecture
Contributors: Tallqvist, T.
Publication date: 2012
Media of output: Other

Bibliographical note

Contribution: organisation=ark aht,FACT1=1
Source: researchoutputwizard
Source ID: 5390
Research output: Artistic and non-textual form › Exhibition › Solo art production

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

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.epliiitto.fi/images/B_81_Etela-Pohjanmaan_aluerakenteen_tulevaisuuskuvat_2040.pdf
Research output: Book/Report › Commissioned report › 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
Portfolio EDEND: 2013-10-29
Source: researchoutputwizard
Source ID: 2256
Research output: Contribution to journal > Article > Professional

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

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

Energy efficient building experiment striving for realization, Leppavirta, Finland: Travelling exhibition Architect Award ABF 2009, Sept 2009-April 2010, Minsk (Belarus), Prague, Liberec, Olomouc, Brno and Ostrava (Czech)

General information

Publication status: Published
MoE publication type: F1 Published independent work of art
Organisations: School of Architecture
Contributors: Alatalo, E., Osara, V. (.
Publication date: 2009
Media of output: Print

Bibliographical note

Contribution: organisation=ark ays,FACT1=1
Source: researchoutputwizard
Source ID: 9721
Research output: Artistic and non-textual form > Design > Solo art production

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