

Ympäristö- ja vesihistorian tutkimuksesta 2000-luvulla Suomessa

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Translated title of the contribution: : Yhdysvaltain vesihuollossa julkissektori avainasemassa. Haasteina niukentuvien vesivarojen hallinta ja ikääntyvä infrastruktuuri

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Translated title of the contribution: : Yhdyskuntajätehuollon markkinainnovaatiot tutkimuskaupungeissa

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Translated title of the contribution: : WC and signs only as dirt in our eyes?

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Water services heritage and institutional diversity

Water Services Development and Governance in Finland. Feature Article. JAWWA. 110, 5: 50-55.

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Water is the Beginning of All: Global Water Services and Challenges

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Translated title of the contribution: : Vesi kuntayhteistyön voiteluaineena

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Translated title of the contribution: : Vesihuolto osana näkymätöntä kaupunkia

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Use of diluted urine for cultivation of *Chlorella vulgaris*

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Urban water conflicts in recent European history: Changing interactions between technology, environment and society

Unsteady computational methods to study jet behaviour in large fluidized bed boiler

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Turning up the heat on printability

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Translated title of the contribution: : "Rocky Fountains" of Keciören, Turkey

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Revisiting cellulase production and redefining current strategies based on major challenges Article reference: RSER5103

Resilient Water Services and Systems: The Foundation of Well-Being

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"Poika, nyt lähdettiin hommiin" - vesilaitos syntyy

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Translated title of the contribution: : Pääkirjoitus : Vesihuoltolaitosten historiat imagon nostajana / Editorial : Relevance of history for current water services management and governance

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Negotiating Groundwater Governance

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Managing water and sewerage services in a cold, four-seasons climate

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Translated title of the contribution: : L'oxydation chimique pour la remediation des sols contamines par des composes recalcitrants. Cas de la chlordecone

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Translated title of the contribution: : Kyläyhteisöt palvelukulutuksen alustana

KUPERA-kaupunkien teknisen sektorin johto kaipaa toimintakulttuuriin muutosta : Haasteista innovatiivisiin mahdollisuuksiin

Translated title of the contribution: : KUPERA-kaupunkien teknisen sektorin johto kaipaa toimintakulttuuriin muutosta : Haasteista innovatiivisiin mahdollisuuksiin

Kuka päättää vesihuollon tulevaisuudesta? (Who decides on the future of the water supply?)

Translated title of the contribution: : Kuka päättää vesihuollon tulevaisuudesta? (Who decides on the future of the water supply?)

Koulutus ja tutkimus kehityksen moottorina

Translated title of the contribution: : Education and research driving development

Konvergenssi ja divergenssi ongelmatyyppien luonnehtijoina

Esimerkkinä vesihuoltoinfrastruktuurin ikääntyminen

Kokemus

Kajaanin vesihuollon ammattilaisten kokemukset ja näkemykset

Kokeellinen tutkimus savupiipun läpivientieristeen orgaanisen aineen palamisen vaikutuksesta paloturvallisuuteen

Translated title of the contribution: : Experimental study on the effects of smouldering combustion of organic content in chimney penetration insulation on fire safety

Kohti tasapuolisempaa tutkimuksen arviointia

Pääkirjoitus

Translated title of the contribution: : Towards better balanced research assessment: Editorial

Kohti puhtaampaa Itämerta

Kohti hajautettua infrastruktuuripolitiikkaa?

Paikalliset vesiosuuskunnat perusrakenteiden tuottajina

Translated title of the contribution: : Towards integrative infrastructure policy? Local water cooperatives as infrastructure producers.

Kirjastolta uutta tiedonhankinnan opetusta tukemaan opetusta antavien yksiköiden toimintaa

Translated title of the contribution: : Kirjastolta uutta tiedonhankinnan opetusta tukemaan opetusta antavien yksiköiden toimintaa

Kirja-arviointi: Yliopistomme vaarassa hukkuu byrokraatiin.

Pekka Kauppi. Kahlittu yliopistomme. Miten vapaudumme byrokratiasta ja opetuksen ylenkatsomisesta. Into Kustannus Oy. 2017.

Translated title of the contribution: : Book review: Universities to be buried under bureaucracy.

Kirja-arviointi: Kuinka vesiensuojelu saatiin pääosin kuntoon?

Translated title of the contribution: : Book review: How modern water pollution control was achieved?: For the sake of waters. Phases of Finnish water pollution control

Kinetics of biomass pyrolysis

Kasvun ja veden kausi – I vesilaitoksesta II maailmansotaan

Kapkaupungin pysyvä vesikriisi – ratkeako vesipula, jos lisää vettä pumpataan vuotavaan verkostoon

Kaivoista ja käymälöistä kohti kunnallista vesihuoltoa

Käänteiset perusrakenteet : Suuntana hajautettu infrastruktuuripolitiikka?

Translated title of the contribution: : Käänteiset perusrakenteet : Suuntana hajautettu infrastruktuuripolitiikka?

Käänteiset infrastruktuurit ja integroiva infrastruktuuripolitiikka

Translated title of the contribution: : Käänteiset infrastruktuurit ja integroiva infrastruktuuripolitiikka

Joukkoliikenteellä on tärkeä rooli liikenteen päästöjen vähentämisessä

Johtoja ja joukkuehenkeä

Translated title of the contribution: : Johtoja ja joukkuehenkeä

Johdanto: vesirikas Riihimäki

Jätevedenpuhdistuksen ja viemäroinnin vaiheita Helsingissä

Jätehuollon tekniset vaihtoehdot

Translated title of the contribution: : Jätehuollon tekniset vaihtoehdot

Jätehuollon, -politiikan ja -lainsäädännön institutionaalinen kuvaus

Translated title of the contribution: : Jätehuollon, -politiikan ja -lainsäädännön institutionaalinen kuvaus

Jätehuollon jakautuminen osamarkkinoihin ja yritystoiminta

Translated title of the contribution: : Jätehuollon jakautuminen osamarkkinoihin ja yritystoiminta

Ja alussa oli vesi

Inverse infrastructures: self-organization in the water services

Introduction: Evolution and futures of water management: strategic decisions, challenges and effectiveness

Integration of water and wastewater utilities

Integration of water and wastewater utilities

Institutional development is the key for sustainable water services in the built environment

Insentiivit julkisen sektorin innovaatiotoiminnan edistämisen välineinä. Esimerkkinä Georgian osavaltion palvelu-uudistus

Translated title of the contribution: : Insentiivit julkisen sektorin innovaatiotoiminnan edistämisen välineinä. Esimerkkinä Georgian osavaltion palvelu-uudistus

Innovative use of recovered municipal solid waste incineration bottom ash as a component in growing media

Inhibitory effects of substrate and soluble end products on biohydrogen production of the alkalithermophile *Caloramator celer*

Kinetic, metabolic and transcription analyses

Influence of TiO_2 compact layer precursor on the performance of perovskite solar cells

Influence of temperature and pretreatments on the anaerobic digestion of wastewater grown microalgae in a laboratory-scale accumulating-volume reactor

Influence of Diffusion Barriers on Thermal Ageing Behaviour of Solar Absorber Coatings on Copper

Influence of atmospheric plasma treatment on surface properties and inkjet printability of plastic packaging film

Indigenous practices of water management for sustainable services

Case of Borana and Konso, Ethiopia

Increasing oxygen deficiency changes rare and moderately abundant bacterial communities in coastal soft sediments

Improved water services cooperation through clarification of rules and roles

Improved bioconversion of crude glycerol to hydrogen by statistical optimization of media components

Importance and challenges of sharing experiences among an international and interdisciplinary group of doctoral students

Impacts of short-term temperature fluctuations on biohydrogen production and resilience of thermophilic microbial communities

Impacts of changing operational parameters of in situ chemical oxidation (ISCO) on removal of aged PAHs from soil

Impact of heavy metals on denitrification of simulated mining wastewaters

Ilmasto muuttuu, riittääkö vesi?

Ikääntyvä infra - vesihuollon keskeisin haaste

Translated title of the contribution: : Ikääntyvä infra - vesihuollon keskeisin haaste

Identification of Wastewater Leaching into the Wells by HPLC-SEC Using UV and Fluorescence Detection

Hyvien yhteyksien ja hyvän veden kaupunki

Hyvän veden ja hyvien yhteyksien kaupunki : Riihimäen Veden historia

Translated title of the contribution: : Hyvän veden ja hyvien yhteyksien kaupunki : Riihimäen Veden historia

Hyvän veden ja hyvien yhteyksien kaupunki - Riihimäen Veden historia

Translated title of the contribution: : Hyvän veden ja hyvien yhteyksien kaupunki - Riihimäen Veden historia

Hydrothermal carbonization of pulp mill streams

Hydrolysed cellulose material as sulfate reduction electron donor to treat metal- and sulfate containing waste water

Hydrogen sulfide removal from synthetic biogas using anoxic biofilm reactors

Hydrodynamic drag and velocity of micro-bubbles in dilute paper machine suspensions

Hybrid barrier films by atmospheric inline plasma deposition on sol-gel coated PE-cardboard

HPLC-SEC

a new approach to characterise complex wastewater effluents

History of water and sanitation services in Finland in the urban-rural mixture : The Case of the City of Tampere, Finland

Historical development paths and means for winning the challenge of aging water services infrastructure

Historical development of water and sanitation services

Historian hajuista tuoksujen tulevaisuuteen
pääkaupunkiseudun jätevedenpuhdistuksen keskeiset päätökset Espoon näkökulmasta
Translated title of the contribution: : From Stinky History to Fragrant Future: Waste water treatment of the metropolitan area - central decisions on the point of view of Espoo

Historian hajuista tuoksujen tulevaisuuteen
Pääkaupunkiseudun jätevedenpuhdistuksen keskeiset päätökset Espoon näkökulmasta

High-solids anaerobic digestion requires a trade-off between total solids, inoculum-to-substrate ratio and ammonia inhibition

High rate autotrophic denitrification in fluidized-bed biofilm reactors

High rate anaerobic treatment of LCFA-containing wastewater at low temperature

Highly ductile amorphous oxide at room temperature and high strain rate

Highly compact TiO₂ films by spray pyrolysis and application in perovskite solar cells

Helsinki sai ensimmäisen puhdistamonsa 1910; Helsinki gained its first wastewater treatment plant 1910
Translated title of the contribution: : Helsinki sai ensimmäisen puhdistamonsa 1910; Helsinki gained its first wastewater treatment plant 1910

Heikot signaalit vesihuollossa
Translated title of the contribution: : Heikot signaalit vesihuollossa

Heap Bioleaching of Low-grade Multimetal Sulphidic Ore in Boreal Conditions

Hätä ei häviä käymälöitä poistamalla

Hanaa!
Suomen vesihuolto - kehitys ja yhteiskunnallinen merkitys
Translated title of the contribution: : Hanaa! : Suomen vesihuolto - kehitys ja yhteiskunnallinen merkitys

Halpaa eli hyvää - minkälaisia merkityksiä vesihuoltoala rakentaa itsestään
Translated title of the contribution: : Halpaa eli hyvää - minkälaisia merkityksiä vesihuoltoala rakentaa itsestään

Halogen-Bond-Assisted Photoluminescence Modulation in Carbazole-Based Emitter

Groundwater as a source of conflict and cooperation
Towards creating mutual gains in a Finnish water supply project

Governance in water sector - comparing development in Kenya, Nepal, South Africa and Finland

Global challenges and role of institutions in water services

Glazed spaces
A simplified calculation method for the evaluation of energy savings and interior temperatures

Gestao e organizacao dos servicos de saneamento : Abordagens europeias.

Translated title of the contribution: : Gestao e organizacao dos servicos de saneamento : Abordagens europeias.

Geo + Ympäristö = Ympäristögeotekniikka?

Translated title of the contribution: : Geo + Environment = Environmental Geotechnics?

Geometry of plate fins for maximizing heat transfer

Genesis of Water supply and sanitation services in Finland

Translated title of the contribution: : Vesihuoltopalveluiden synty Suomessa: Editorial

Gender comparison - The university students' exam results in the environmental and energy area

Fungal treatment of landfill mining fine fraction to increase its stability and end-use potential

Full scale landfill bottom liner test structures at Ämmässuo landfill, Espoo, Finland

FSES 2013, Finnish Conference of Environmental Sciences, 2-3 May 2013, Tampere, Finland. Proceedings

Forgotten infrastructure - In the quest for development, sustainability and security

Foreword Towards More Resilient Water Services

Focus and Change of Water Management in Finland – Analysis of Vesitalous Journal, 1960-2009

Fluidized-bed denitrification of mining water tolerates high nickel concentrations

Fluidized bed bioreactor for multiple environmental engineering solutions

Flotaatiokennon injektorin diffuusori

Fire, Thirst, Health and Hygiene

Root Causes for the Introduction of Water Supply and Sanitation in Kajaani

Finnish water services

Experiences in global perspective

Finnish water services

Experiences in global perspective

Finnish engineering education for the benefit of people and environment

Finland's Water Services: Looking to its Past to Figure Out its Future.

Fe₂O₃-TiO₂ Nano-heterostructure Photoanodes for Highly Efficient Solar Water Oxidation

Fermentative metabolism of an anaerobic, thermophilic consortium on plant polymers and commercial paper samples

Feasibility of Flexible Biomass Utilization in Energy Systems

Fate of trace elements during and after anaerobic digestion: a sequential extraction method and DGT technique to assess bio-accessible trace elements in digestate

Fate of dissolved organic matter in softwood element-chlorine-free bleached kraft mill fiberline

Fast pyrolysis of coal, peat, and torrefied wood: Mass loss study with a drop-tube reactor, particle geometry analysis, and kinetics modeling

Factors affecting the elimination capacity of a passive methane biofilter

Exposure to indoor air pollution across socio-economic groups in high-income countries: A scoping review of the literature and a modelling methodology

Exposure to Extremely Low Frequency Magnetic Fields: a Personal Monitoring Study in a Large Group of Workers

Exposure to electric and magnetic fields at 110 kV substation while performing the task 'Changing a bulb from a man hoist' in the Tampere region

Experimental study of oxy-fuel combustion in a drop tube reactor

Experiences of integrating MSc student research projects in the "electromagnetic fields and health" area

Expanding rural water supplies in historical perspective: Six cases from Finland and South Africa

Examples to Reduce the EMF Generated by HV Power Transmission Lines of Different Design

Examples of using the moodle virtual learning environment for teaching technical university students

Examples of occupational ELF electric and magnetic field exposure in Finland

Evolution of Community-Managed Water Supply Projects From 1994 to the 2010s in Ethiopia

Evaluation of methods for enhancing methane oxidation via increased soil air capacity and nutrient content in simulated landfill soil cover

Espoo päättää siirtyä kärkipaikalle

E-sail test payload of the ESTCube-1 nanosatellite

Erosion testing of filled and/or reinforced vinyl ester composites in water medium at elevated temperature

Epilogue: Local Solutions Based on Local Conditions

Epilogue

Environmental impact of micropollutants present in urine

Environmental history of water : global views on community water supply and sanitation

Environmental history of water: Global view of community water supply and sanitation

Ensimmäiset fuusiosuunnitelmat

Enhancement in Lifespan of Halide Perovskite Solar Cells

Engineering and kinetic aspects of bacterial uranium reduction for the remediation of uranium contaminated environments

Energistä utopiaa?

Enabling and Integrative Infrastructure Policy: The Role of Inverse Infrastructures in Local Infrastructure Provision with Special Reference to Finnish Water Cooperatives

Elimination of arsenic-containing emissions from gasification of chromated copper arsenate wood

Electricity production by a microbial fuel cell fueled by brewery wastewater and the factors in its membrane deterioration

Electricity generation from tetrathionate in microbial fuel cells by acidophiles

Effects of tissue conductivity and electrode area on internal electric fields in a numerical human model for ELF contact current exposures

Effect of Tissue Conductivity on Internal Body Resistances of Numerical Human Model at Power Frequency

Effect of Temperature on Fume Formation and Deposition in Kraft Recovery Boilers - a Modeling Approach

Effect of particle size and dispersion status on cytotoxicity and genotoxicity of zinc oxide in human bronchial epithelial cells

Effect of N/S ratio on anoxic sulfide oxidizing bioreactors

Effect of HRT on nitrogen recovery from real reject water in a 3-chamber bioelectroconcentration cell

Effect of heavy metal co-contaminants on selenite bioreduction by anaerobic granular sludge

Effect of geometrical parameters on vortex-induced vibration of a splitter plate

Education, Research and Capacity Building for Water Services

Editorial to "The best papers from the 32nd International Symposium on Automation and Robotics in Construction and Mining (ISARC 2015)"

Editorial Note: "Pasts and Futures of Water"

Editorial. Central role of water in society and community

Editorial

Economic analysis of hydrogen production by methane thermal decomposition
Comparison to competing technologies

Ecological Sanitation - A Logical Choice? The Development of the Sanitation Institution in a World Society

Dynamics of microbial communities in untreated and autoclaved food waste anaerobic digesters

Dry Toilet Sanitation as an Alternative Solution to the Rural Ethiopia

Diversity of the water supply and sanitation sector: roles of municipalities in Europe

Diversity of microcystin-producing cyanobacteria in spatially isolated regions of Lake Erie

Digestate valorization for bioremediation of petroleum hydrocarbons contaminated soils

Development of superhydrophobic coating on paperboard surface using the Liquid Flame Spray

Development of an assessment protocol: the impact of energy retrofits on indoor environmental quality and public health in the existing building stock

Developing community water services and cooperation in Finland and the South

Developing and testing characterization methods for droplet combustion - part II

Developing and testing characterization methods for droplet combustion - Part I

Deterioration mechanisms and life cycle of concrete monoblock railway sleepers in Finnish conditions

Detecting bioavailable toxic metals and metalloids from natural water samples using luminescent sensor bacteria

Design aspects of all atomic layer deposited TiO₂-Fe₂O₃ scaffold-absorber photoanodes for water splitting

Denitrifying microbial communities along a boreal stream with varying land-use

Dags att syna utmaningarna inom vattenförsörjningen

Translated title of the contribution: : Dags att syna utmaningarna inom vattenförsörjningen

Cracking of the End Diaphragm of a Post-tensioned Beam Bridge

Co-production of 1,3 propanediol and long-chain alkyl esters from crude glycerol

Co-operation between technical education of university and electro-technical standardization association

Conversion of Solid Waste into Functional Carbon Materials: A Review

Continuous removal and recovery of tellurium in an upflow anaerobic granular sludge bed reactor

Conclusions: Does History Matter? Present Water Governance Challenges and Future Implications

Conclusions

Conclusions

Conclusions

Comparison the portable service platforms influence to electric field exposure at 110 kV substations

Comparison of the total mercury content in sediment samples with a mercury sensor bacteria test and *Vibrio fischeri* toxicity test

Comparison of community managed projects and conventional approaches in rural water supply of Ethiopia

Comparison of air pressure difference, air change rates, and CO₂ concentrations in apartment buildings before and after energy retrofits

Comparison between the Occupational ELF magnetic field exposure in Finland and in Italy

Comparing the energy required for fine grinding torrefied and fast heat treated pine

Comparative analysis and discussion

Commercialising reclaimed materials in earthworks – guidelines for productization and the process of appending these materials in the Finnish national code of practice

Combining mineral fractions of recovered MSWI bottom ash: improvement for utilization in civil engineering structures

Coal char combustion in O₂/N₂ and O₂/CO₂ conditions in a drop tube reactor: an optical study

CO₂ reduction costs and benefits in transport: socio-technical scenarios

Chasing measurements for real-world emissions of city buses

Characterization of fine fraction mined from two Finnish landfills

Characterization of fine fraction from landfill mining for evaluating methane potential

Characterization and biological stabilization of fine fraction from landfill mining

Characteristics and agronomic usability of digestates from laboratory digesters treating food waste and autoclaved food waste

Changing energy production structures and CO₂ emissions in the ASEAN countries: Decomposition analysis of drivers behind the changes

Challenges to Finnish water and wastewater services in the next 20-30 years

CFD-Modeling of Fume Formation in Kraft Recovery Boilers