

Book Review: Graham, S. (Ed.), Disrupted Cities: When Infrastructure Fails
Julkaisun otsikon käännös: : Book Review: Graham, S. (Ed.), Disrupted Cities: When Infrastructure Fails

Book review : Oestigaard, T. 2013. Water, Christianity and the rise of capitalism. London, New York: I.B. Tauris. ISBN 978-1-78076-066-7, 209 pages

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Editorial. Central role of water in society and community
Julkaisun otsikon käännös: : Editorial. Central role of water in society and community

Editorial Note: "Pasts and Futures of Water"
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Finland's Water Services: Looking to its Past to Figure Out its Future.

Kirja-arviointi: Kuinka vesiensuojelu saatiin pääosin kuntoon?

Kirja-arviointi:Yliopistomme vaarassa hukkuu byrokraatiaan.
Pekka Kauppi. Kahlittu yliopistomme. Miten vapaudumme byrokraatiasta ja opetuksen ylenkatsomisesta. Into Kustannus Oy. 2017.

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

Lyhyestä tiede kaunis?

Pääkirjoitus. Veden keskeinen merkitys yhteiskunnassa ja yhdyskunnissa

Pääkirjoitus : Vesihuoltolaitosten tarinat imagon nostajana / Editorial : Relevance of history for current water services management and governance

Tulevaisuuden vesiosaajat

Turning up the heat on printability
Julkaisun otsikon käännös: : Turning up the heat on printability

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Vieraskynä : Vesialan osaamista kehitettävä yhteiskunnan tarpeista

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

Accelerated deactivation studies of the natural-gas oxidation catalyst-Verifying the role of sulfur and elevated temperature in catalyst aging

Accidents and close call situations connected to the use of mobile phones
Julkaisun otsikon käännös: : Accidents and close call situations connected to the use of mobile phones

Acetotrophic Activity Facilitates Methanogenesis from LCFA at Low Temperatures
Screening from Mesophilic Inocula

Acid Leaching of Cu and Zn from a Smelter Slag with a Bacterial Consortium

A comparison of the usability of a laptop, communicator, and handheld computer
Julkaisun otsikon käännös: : A comparison of the usability of a laptop, communicator, and handheld computer

Adaptation of Black Carbon Footprint concept would accelerate mitigation of global warming

A decade of Finnish engineering education for sustainable development

Adjoint-based optimization in the development of low-emission industrial boilers

Adjustable wettability of paperboard by liquid flame spray nanoparticle deposition
Julkaisun otsikon käännös: : Adjustable wettability of paperboard by liquid flame spray nanoparticle deposition

Airtightness of residential buildings in Finland

Anaerobic digestion of autoclaved and untreated food waste
Julkaisun otsikon käännös: : Anaerobic digestion of autoclaved and untreated food waste

A national collaboration process: Finnish engineering education for the benefit of people and environment
Julkaisun otsikon käännös: : A national collaboration process: Finnish engineering education for the benefit of people and environment

An experimental study and numerical modeling of combusting two coal chars in a drop-tube reactor: A comparison between N₂/O₂, CO₂/O₂, and N₂/CO₂/O₂ atmospheres
Julkaisun otsikon käännös: : An experimental study and numerical modeling of combusting two coal chars in a drop-tube reactor: A comparison between N₂/O₂, CO₂/O₂, and N₂/CO₂/O₂ atmospheres

Anxiety vs reality – Sufficiency of battery electric vehicle range in Switzerland and Finland

Appropriate pricing policy needed worldwide for improving water services infrastructure

A recombinant Escherichia coli sensor strain for the detection of tetracyclines

Are there environmental or agricultural benefits in using forest residue biochar in boreal agricultural clay soil?

Arsenic in bedrock, soil and groundwater - The first arsenic guidelines for aggregate production established in Finland

Assessment of metabolic flux distribution in the thermophilic hydrogen producer Caloramator celer as affected by external pH and hydrogen partial pressure
Julkaisun otsikon käännös: : Assessment of metabolic flux distribution in the thermophilic hydrogen producer Caloramator celer as affected by external pH and hydrogen partial pressure

A study on raw, torrefied, and steam-exploded wood: Fine grinding, drop-tube reactor combustion tests in N₂/O₂ and CO₂/O₂ atmospheres, particle geometry analysis, and numerical kinetics modeling

Bacterial community transcription patterns during a marine phytoplankton bloom

Bacterial diversity and active biomass in full-scale granular activated carbon filters operated at low water temperatures

Julkaisun otsikon käännös: : Bacterial diversity and active biomass in full-scale granular activated carbon filters operated at low water temperatures

Bioenergy consumption and biogas potential in Cambodian households

Julkaisun otsikon käännös: : Bioenergy consumption and biogas potential in Cambodian households

Biogenic hydrogen and methane production from *Chlorella vulgaris* and *Dunaliella tertiolecta* biomass

Julkaisun otsikon käännös: : Biogenic hydrogen and methane production from *Chlorella vulgaris* and *Dunaliella tertiolecta* biomass

Biogenic hydrogen and methane production from reed canary grass

Julkaisun otsikon käännös: : Biogenic hydrogen and methane production from reed canary grass

Bioprocessing of enhanced cellulase production from a mutant of *Trichoderma asperellum* RCK2011 and its application in hydrolysis of cellulose

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Carbazole-based small molecule electron donors

Syntheses, characterization, and material properties

Cardiac Pacemakers in Electric and Magnetic Fields of 400-kV Power Lines

Catalytic effect of Ca and K on CO₂ gasification of spruce wood char

CFD-modeling of fume formation in kraft recovery boilers

Julkaisun otsikon käännös: : CFD-modeling of fume formation in kraft recovery boilers

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

Julkaisun otsikon käännös: : Challenges to Finnish water and wastewater services in the next 20-30 years

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

Characterization of fine fraction mined from two Finnish landfills

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

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

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

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

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

Julkaisun otsikon käännös: : Comparing the energy required for fine grinding torrefied and fast heat treated pine

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

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

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

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

Co-operation between technical education of university and electro-technical standardization association
Julkaisun otsikon käännös: : Co-operation between technical education of university and electro-technical standardization association

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

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

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

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

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

Developing and testing characterization methods for droplet combustion - Part I
Julkaisun otsikon käännös: : Developing and testing characterization methods for droplet combustion - Part I

Development of superhydrophobic coating on paperboard surface using the Liquid Flame Spray
Julkaisun otsikon käännös: : Development of superhydrophobic coating on paperboard surface using the Liquid Flame Spray

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

Dynamics of microbial communities in untreated and autoclaved food waste anaerobic digesters
Julkaisun otsikon käännös: : Dynamics of microbial communities in untreated and autoclaved food waste anaerobic digesters

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

Effect of geometrical parameters on vortex-induced vibration of a splitter plate
Julkaisun otsikon käännös: : Effect of geometrical parameters on vortex-induced vibration of a splitter plate

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

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

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

Electricity generation from tetrathionate in microbial fuel cells by acidophiles

Julkaisun otsikon käännös: : Electricity generation from tetrathionate in microbial fuel cells by acidophiles

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

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

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

E-sail test payload of the ESTCube-1 nanosatellite

Julkaisun otsikon käännös: : E-sail test payload of the ESTCube-1 nanosatellite

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

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

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

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

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

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

$\text{Fe}_2\text{O}_3\text{-TiO}_2$ Nano-heterostructure Photoanodes for Highly Efficient Solar Water Oxidation

Fluidized bed bioreactor for multiple environmental engineering solutions

Fluidized-bed denitrification of mining water tolerates high nickel concentrations

Genesis of Water supply and sanitation services in Finland

Glazed spaces

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

Groundwater as a source of conflict and cooperation

Towards creating mutual gains in a Finnish water supply project

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

Halpaa eli hyvää - minkälaisia merkityksiä vesihuoltoala rakentaa itsestään

Highly compact TiO_2 films by spray pyrolysis and application in perovskite solar cells

Highly ductile amorphous oxide at room temperature and high strain rate

High rate autotrophic denitrification in fluidized-bed biofilm reactors

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

HPLC-SEC
a new approach to characterise complex wastewater effluents

Hydrodynamic drag and velocity of micro-bubbles in dilute paper machine suspensions
Julkaisun otsikon käännös: : Hydrodynamic drag and velocity of micro-bubbles in dilute paper machine suspensions

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

Hydrothermal carbonization of pulp mill streams

Hyvän veden ja hyvien yhteyksien kaupunki - Riihimäen Veden historia

Impact of heavy metals on denitrification of simulated mining wastewaters
Julkaisun otsikon käännös: : Impact of heavy metals on denitrification of simulated mining wastewaters

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

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

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

Improved bioconversion of crude glycerol to hydrogen by statistical optimization of media components
Julkaisun otsikon käännös: : Improved bioconversion of crude glycerol to hydrogen by statistical optimization of media components

Improved water services cooperation through clarification of rules and roles

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

Indigenous practices of water management for sustainable services
Case of Borana and Konso, Ethiopia

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

Influence of TiO₂ compact layer precursor on the performance of perovskite solar cells

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

Kinetic, metabolic and transcription analyses

Julkaisun otsikon käännös: : Inhibitory effects of substrate and soluble end products on biohydrogen production of the alkalithermophile *Caloramator celer*: Kinetic, metabolic and transcription analyses

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

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

Integration of water and wastewater utilities

Julkaisun otsikon käännös: : Integration of water and wastewater utilities

Inverse infrastructures: self-organization in the water services

Julkaisun otsikon käännös: : Inverse infrastructures: self-organization in the water services

Käänteiset infrastruktuurit ja integroiva infrastruktuuripolitiikka

Kohti hajautettua infrastruktuuripolitiikkaa?

Paikalliset vesiosuuskunnat perusrakenteiden tuottajina

Kohti tasapuolisempaa tutkimuksen arviointia

Pääkirjoitus

Konvergenssi ja divergenssi ongelmatyyppien luonnehtijoina

Esimerkkinä vesihuoltoinfrastruktuurin ikääntyminen

Lähteet Suomen vesihuollossa

Landowners' willingness to promote bioenergy production on wasteland – future impact on land use of cutaway peatlands

Long-term performance evaluation of an anoxic sulfur oxidizing moving bed biofilm reactor under nitrate limited conditions

Long term stability of air processed inkjet infiltrated carbon-based printed perovskite solar cells under intense ultra-violet light soaking

Long-term thermophilic mono-digestion of rendering wastes and co-digestion with potato pulp

Julkaisun otsikon käännös: : Long-term thermophilic mono-digestion of rendering wastes and co-digestion with potato pulp

Low concentration of zeolite to enhance microalgal growth and ammonium removal efficiency in a membrane photobioreactor

Luminescent bacteria-based sensing method for methylmercury specific determination

Julkaisun otsikon käännös: : Luminescent bacteria-based sensing method for methylmercury specific determination

Managed aquifer recharge in community water supply: the Finnish experience and some international comparisons

Julkaisun otsikon käännös: : Managed aquifer recharge in community water supply: the Finnish experience and some international comparisons

Managing water supply through joint regional municipal authorities in Finland: Two comparative cases
Julkaisun otsikon käännös: : Managing water supply through joint regional municipal authorities in Finland: Two comparative cases

Mechanical properties of recovered municipal solid waste incineration bottom ash: the influence of aging and changes in moisture content

Mental symptoms and the use of new technical equipment
Julkaisun otsikon käännös: : Mental symptoms and the use of new technical equipment

Metabolic engineering of *Acinetobacter baylyi* ADP1 for improved growth on gluconate and glucose

Methane oxidation potential of boreal landfill cover materials: The governing factors and enhancement by nutrient manipulation

Methylophaga and Hyphomicrobium can be used as target genera in monitoring saline water methanol-utilizing denitrification

Methylophilaceae and Hyphomicrobium as target taxonomic groups in monitoring the function of methanol-fed denitrification biofilters in municipal wastewater treatment plants

Microalgae grow on source separated human urine in Nordic climate
Outdoor pilot-scale cultivation

Microstructure-property relationships of novel ultra-high strength press hardening steels

Mine wastewater treatment using *Phalaris arundinacea* plant material hydrolyzate as substrate for sulfate-reducing bioreactor
Julkaisun otsikon käännös: : Mine wastewater treatment using *Phalaris arundinacea* plant material hydrolyzate as substrate for sulfate-reducing bioreactor

Modeling fine particles and alkali metal compound behavior in a kraft recovery boiler

Modelling fume deposit growth in recovery boilers: effect of flue gas and deposit temperature
Julkaisun otsikon käännös: : Modelling fume deposit growth in recovery boilers: effect of flue gas and deposit temperature

Modelling of plastic culvert and road embankment interaction in 3D

Municipal challenges in managing a building with noted health symptoms

Numerical modeling of fine particle and deposit formation in a recovery boiler

Occupational exposure to electric and magnetic fields during work tasks at 110 kV substations in the Tampere region
Julkaisun otsikon käännös: : Occupational exposure to electric and magnetic fields during work tasks at 110 kV substations in the Tampere region

Occupational Exposure to Electric and Magnetic Fields While Working at Switching and Transforming Stations of 110 kV
Julkaisun otsikon käännös: : Occupational Exposure to Electric and Magnetic Fields While Working at Switching and Transforming Stations of 110 kV

Occupational Exposure to Electric Fields and Currents Associated With 110 kv Substation Tasks

Julkaisun otsikon käännös: : Occupational Exposure to Electric Fields and Currents Associated With 110 kv Substation Tasks

Occupational exposure to electric fields and induced currents associated with 400 kV substation tasks from different service platforms

Julkaisun otsikon käännös: : Occupational exposure to electric fields and induced currents associated with 400 kV substation tasks from different service platforms

Parameters Affecting the Upcycling of Waste Cotton and PES/CO Textiles

Particle growth with photochemical age from new particle formation to haze in the winter of Beijing, China

Particulate Mass and Nonvolatile Particle Number Emissions from Marine Engines Using Low-Sulfur Fuels, Natural Gas, or Scrubbers

Physical symptoms in young adults and their use of different computers and mobile phones

Julkaisun otsikon käännös: : Physical symptoms in young adults and their use of different computers and mobile phones

Planning land use for biogas energy crop production

The potential of cutaway peat production lands

Plasma-Assisted Fabrication of Fe₂O₃ - Co₃O₄ Nanomaterials as Anodes for Photoelectrochemical Water Splitting

Pollutants source control and health effects

Julkaisun otsikon käännös: : Pollutants source control and health effects

Possible Impact of Long and Heavy Vehicles in the United Kingdom—A Commodity Level Approach

Power generation in fed-batch and continuous up-flow microbial fuel cell from synthetic wastewater

Preferential adsorption of Cu in a multi-metal mixture onto biogenic elemental selenium nanoparticles

Production of Electricity and Butanol from Microalgal Biomass in Microbial Fuel Cells

Julkaisun otsikon käännös: : Production of Electricity and Butanol from Microalgal Biomass in Microbial Fuel Cells

Pt-functionalized Fe₂O₃ photoanodes for solar water splitting

the role of hematite nano-organization and the platinum redox state

Radon, fungal spores and MVOCs reduction in crawl space house

A case study and crawl space development by hygrothermal modelling

Recycling potential of post-consumer plastic packaging waste in Finland

Replacing centralised waste and sanitation infrastructure with local treatment and nutrient recycling

Expert opinions in the context of urban planning

Resilient Asset Management and Governance For deteriorating Water Services Infrastructure

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

Revisiting the feasibility of biomass-fueled CHP in future energy systems – Case study of the Åland Islands

Rewiring the wax ester production pathway of acinetobacter baylyi ADP1

Julkaisun otsikon käännös: : Rewiring the Wax Ester Production Pathway of Acinetobacter baylyi ADP1

Rural energy survey and scenario analysis of village energy consumption: A case study in Lao People's Democratic Republic

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Sanitation, water and health

Julkaisun otsikon käännös: : Sanitation, water and health

Sata vuotta vesihuoltoa Suomessa

Scaling up the treatment of the fine fraction from landfill mining

Mass balance and cost structure

Screening biological methods for laboratory scale stabilization of fine fraction from landfill mining

Selecting an indigenous microalgal strain for lipid production in anaerobically treated piggery wastewater

Self-reported use of ICT (Information and communication technology) uptake in 2002 and discomfort amongst Finns aged 45-66

Julkaisun otsikon käännös: : Self-reported use of ICT (Information and communication technology) uptake in 2002 and discomfort amongst Finns aged 45-66

Service Failures of Rural Water Supply Systems in Ethiopia and Their Policy Implications

Short Global History of Fountains

Simultaneous detection of three antiviral and four antibiotic compounds in source-separated urine with liquid chromatography

Julkaisun otsikon käännös: : Simultaneous detection of three antiviral and four antibiotic compounds in source-separated urine with liquid chromatography

Simultaneous nutrient removal and lipid production with *Chlorella vulgaris* on sterilized and non-sterilized anaerobically pretreated piggery wastewater

Social Norms in Water Services

Exploring the Fair Price of Water

Sorption of zinc onto elemental selenium nanoparticles immobilized in *Phanerochaete chrysosporium* pellets

Spatial variations in bacterial and archaeal abundance and community composition in boreal forest pine mycorrhizospheres

Stabilization of fine fraction from landfill mining in anaerobic and aerobic laboratory leach bed reactors

Struvite precipitation in raw and co-digested swine slurries for nutrients recovery in batch reactors

Students' Perceived Priorities on Water as a Human Right, Natural Resource, and Multiple Goods

Subpicosecond to Second Time-Scale Charge Carrier Kinetics in Hematite-Titania Nanocomposite Photoanodes

Suomen vesihuollon kehitys kansainvälisessä kontekstissa

Sustainable nutrients recovery and recycling by optimizing the chemical addition sequence for struvite precipitation from raw swine slurries

Testing activity-based costing to large-scale combined heat and power plant using bioenergy

Julkaisun otsikon käännös: : Testing activity-based costing to large-scale combined heat and power plant using bioenergy

The application of HPLC-SEC for the simultaneous characterization of NOM and nitrate in well waters

Julkaisun otsikon käännös: : The application of HPLC-SEC for the simultaneous characterization of NOM and nitrate in well waters

The designing and the implementation of WWW-course "Electricity, Electronics and Environment"

Julkaisun otsikon käännös: : The designing and the implementation of WWW-course "Electricity, Electronics and Environment"

The effect of anode potential on bioelectrochemical and electrochemical tetrathionate degradation

The Effect of Phosphorus Exposure on Diesel Oxidation Catalysts-Part I

Activity Measurements, Elementary and Surface Analyses

The Effect of Phosphorus Exposure on Diesel Oxidation Catalysts-Part II

Characterization of Structural Changes by Transmission Electron Microscopy

The effect of torrefaction on the chlorine content and heating value of eight woody biomass samples

Julkaisun otsikon käännös: : The effect of torrefaction on the chlorine content and heating value of eight woody biomass samples

The evolving role of water co-operatives in Finland

Julkaisun otsikon käännös: : The evolving role of water co-operatives in Finland

The most difficult at-fault fatal crashes to avoid with current active safety technology

The need for "champions" in rural water supply

The potential of biomethane in replacing fossil fuels in heavy transport-a case study on Finland

The potential of electric trucks – An international commodity-level analysis

The students' feedback on WWW-course "Electricity, Electronics and Environment"

Julkaisun otsikon käännös: : The students' feedback on WWW-course "Electricity, Electronics and Environment"

Tighter contracts or more trust? Outsourcing in Finnish water utilities

Julkaisun otsikon käännös: : Tighter contracts or more trust? Outsourcing in Finnish water utilities

To fractionate municipal solid waste incineration bottom ash: Key for utilisation?

Towards balanced public-private co-operation in urban water management

Julkaisun otsikon käännös: : Towards balanced public-private co-operation in urban water management

Towards bioproduction of poly- α -olefins from lignocellulose

Towards the EU emissions targets of 2050

optimal energy renovation measures of Finnish apartment buildings

Transient-state operation of an anoxic biotrickling filter for H₂S removal

Treatment of Composted Soils contaminated with Petroleum Hydrocarbons using Chemical Oxidation followed by Enhanced Aerobic Bioremediation

Julkaisun otsikon käännös: : Treatment of Composted Soils contaminated with Petroleum Hydrocarbons using Chemical Oxidation followed by Enhanced Aerobic Bioremediation

Understanding sustainable development in Finnish water supply and sanitation services

Use of diluted urine for cultivation of *Chlorella vulgaris*

Use of factorial experimental design to study the effects of iron and sulfur on growth of *Scenedesmus acuminatus* with different nitrogen sources

Utility–Customer Communication

The Case of Water Utilities

Utilizing Gelatinized Starchy Waste from Rice Noodle Factory as Substrate for L(+)-Lactic Acid Production by Amyolytic Lactic Acid Bacterium *Enterococcus faecium* K-1

UV-Blocking Synthetic Biopolymer from Biomass-Based Bifuran Diester and Ethylene Glycol

Valorization of Finnish mining tailings for use in the ceramics industry

Vapor phase processing of α -Fe₂O₃ photoelectrodes for water splitting

An insight into the structure/property interplay

Vesihuollon ammatillaiset ovat verkostoituneet kautta aikojen

Vesiyhtymien toiminnan kehittäminen

Viewpoint - Paradigm Shift of Water Services in Finland

From Production Mentality to Service Mindset

Water and the city

Julkaisun otsikon käännös: : Water and the city

Water, policy and governance

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Water Supply and Sanitation in a Green Economy Society

The Case of Finland

Water - The Most Important Subject of the World

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White-Collar Workers' Self-Reported Physical Symptoms Associated With Using Computers

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Working-aged population's mental symptoms and the use of the Internet

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Dags att syna utmaningarna inom vattenförsörjningen

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

Geo + Ympäristö = Ympäristögeotekniikka?

Global challenges and role of institutions in water services

Hätä ei häviä käymälöitä poistamalla

Julkaisun otsikon käännös: : Hätä ei häviä käymälöitä poistamalla

Heikot signaalit vesihuollossa

Helsinki sai ensimmäisen puhdistamonsa 1910; Helsinki gained its first wastewater treatment plant 1910

Johtoja ja joukkuehenkeä

Käänteiset perusrakenteet : Suuntana hajautettu infrastruktuuripolitiikka?

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

Koulutus ja tutkimus kehityksen moottorina

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

Lack of water engineers hampering development. North-South cooperation in higher education is a must

Julkaisun otsikon käännös: : Lack of water engineers hampering development. North-South cooperation in higher education is a must

Missä, missä se kaivo on?

Julkaisun otsikon käännös: : Missä, missä se kaivo on?

Osuuskunnat mukaan infrastruktuuripolitiikkaan

Simulointi nopeuttaa käyttöä määrittäessä

Syytä olla ylpeä

Tampereelta valmistuneiden vesihuoltoalan diplomi-insinöörien sijoittuminen ja odotukset yliopisto-opetukselle

Testattua tahdistusta

Toimiva vesihuolto ei ole itsestäänselvyys.

TTY:ssä panostetaan pakkausalaan

Ulkoistaminen apuväline vesihuoltoverkoston kunnossapitoon?

Vesihuollon globaalit haasteet ja instituutioiden roolit

Vesihuollon historian lyhyt oppimäärä

Vesihuollon instituutiot vaativat taitavaa jalkapallopelejä

Vesihuollon kehitys ja yhteiskunnallinen merkitys : Hapertuvatko hanat?

Vesihuollon koulutus ja tutkimus lähemmäksi rakennettua ympäristöä

Vesihuollon strateginen kehittäminen haltuun
Ydin- ja tukitoiminnon tarpeen hahmottaa selkeästi

Vesihuollon ylikunnalliset sopimukset lisääntymässä

Vesihuolto osana näkymätöntä kaupunkia

Vesihuoltopalvelujen tutkimus-, kehittämis- ja innovaatioklusterin (VEPATUKI) ensimmäinen vuosi keskittyy saneeraustarpeeseen

Vesihuolto yhdyskuntien ympäristön turvaajana: uskomuksia ja todellisuuksia

Vesiosuuskunnat - minä ne tulisi nähdä?

Vetoa vesihuoltopalveluihin täydennyskoulutuksen kautta

WC-tilat ja -opasteet vain likana silmissämme?

Yhdysvaltain vesihuollossa julkissektori avainasemassa. Haasteina niukentuvien vesivarojen hallinta ja ikääntyvä infrastruktuuri

Yli 60 tonnin yhdistelmät parantaneet kuljetusten tehokkuutta

Ilmasto muuttuu, riittääkö vesi?

Julkaisun otsikon käännös: : Ilmasto muuttuu, riittääkö vesi?

Näkökulma: Malti on valttia Suomellekin nollaenergiatavoitteita asetettaessa

Paperinjalostus- ja pakkaustekniikan tutkimusyksikkö uudistaa kurssitarjontaa

Vanhuus uhkaa vesihuoltoa

Vesihuollolla voidaan myös paikata kuntataloutta

Julkaisun otsikon käännös: : Vesihuollolla voidaan myös paikata kuntataloutta

Vesihuollossa kuntayhteistyö toimii

Vesihuollossa muhii aikapommi

Viinikanlahden siirto vielä harkintaan

Julkaisun otsikon käännös: : Viinikanlahden siirto vielä harkintaan

Water education makes a global difference

Julkaisun otsikon käännös: : Water education makes a global difference

Asset Life Cycle Management in Finnish Water Utilities

Bilateral collaboration in municipal water and wastewater services in Finland

Julkaisun otsikon käännös: : Bilateral collaboration in water and wastewater services in Finland

Conversion of Solid Waste into Functional Carbon Materials: A Review

Enhancement in Lifespan of Halide Perovskite Solar Cells

Ikääntyvä infra - vesihuollon keskeisin haaste

Metals removal and recovery in bioelectrochemical systems

A review

Microbial electrochemical technologies with the perspective of harnessing bioenergy

Maneuvering towards upscaling

Recent advances in nutrient removal and recovery in biological and bioelectrochemical systems

Recycling mine tailings in chemically bonded ceramics - A review

Sata vuotta Suomen suurimmasta lavantautiepidemiasta

Valkea kaupunki, mustat vedet

Vesihuolto kaupungistuvissa yhteiskunnissa

Vesitalous - monipuolisesti vesialalta

Ministry of the Environment announces a Guide on Renovation and Repair of Buildings with Moisture and Microbial Damage - From theory to practice

Taking Water Services to the Next Level
A Paradigm Shift?

Water supply and sanitation as an entry point to human development
Vision21- Knowledge synthesis.

Vesihuollon koulutus on erinomaista kehitysyhteistyötä
Keskustelua.

Energistä utopiaa?

Book Review: Time for Customer Orientation in Water Utilities Customer experience management for water utilities.
Marketing urban water supply

Editorial

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

Foreword Towards More Resilient Water Services

Part V: Comparative Analysis of the Omnipresent Water Fountains
Julkaisun otsikon käännös: : Part V: Comparative Analysis of the Omnipresent Water Fountains

"Rocky Fountains" of Keciören, Turkey

The Fountain A Harbinger of a New Era in Case Tampere
Julkaisun otsikon käännös: : The Fountain A Harbinger of a New Era in Case Tampere

The Mermaid of Helsinki, Finland
Julkaisun otsikon käännös: : The Mermaid of Helsinki, Finland

Values and Attitudes in Engineering Education
Julkaisun otsikon käännös: : Values and Attitudes in Engineering Education

Asiakkaat, verkostot ja henkilöstö

Asteittain kohti keskitettyä jätevedenpuhdistusta

Biofiltration of odours in dry toilet air

Julkaisun otsikon käännös: : Biofiltration of odours in dry toilet air

Biological methane oxidation in landfill cover soil - constrained by concurrent decomposition processes and sulphide oxidation?

Julkaisun otsikon käännös: : Biological methane oxidation in landfill cover soil - constrained by concurrent decomposition processes and sulphide oxidation?

Birth and expansion of public water supply and sanitation in Finland until World War II

Julkaisun otsikon käännös: : Birth and expansion of public water supply and sanitation in Finland until World War II

Comparative analysis and discussion

Julkaisun otsikon käännös: : Comparative analysis and discussion

Conclusions

Julkaisun otsikon käännös: : Conclusions

Conclusions

Julkaisun otsikon käännös: : Conclusions

Conclusions

Julkaisun otsikon käännös: : Conclusions

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

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

Developing community water services and cooperation in Finland and the South

Julkaisun otsikon käännös: : Developing community water services and cooperation in Finland and the South

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

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

Ensimmäiset fuusiosuunnitelmat

Epilogue: Local Solutions Based on Local Conditions

Julkaisun otsikon käännös: : Epilogue: Local Solutions Based on Local Conditions

Espoo päättää siirtyä kärkipaikalle

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

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

Fire, Thirst, Health and Hygiene

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

Gestao e organizacao dos servicos de saneamento : Abordagens europeias.

Julkaisun otsikon käännös: : Gestao e organizacao dos servicos de saneamento : Abordagens europeias.

Historical development of water and sanitation services

Julkaisun otsikon käännös: : Historical development of water and sanitation services

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

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

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

Hyvien yhteyksien ja hyvän veden kaupunki

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

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

Integration of water and wastewater utilities

Julkaisun otsikon käännös: : Integration of water and wastewater utilities

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

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

Ja alussa oli vesi

Jätehuollon jakautuminen osamarkkinoihin ja yritystoiminta

Jätehuollon, -politiikan ja -lainsäädännön institutionaalinen kuvaus

Jätehuollon tekniset vaihtoehdot

Jätevedenpuhdistuksen ja viemäroinnin vaiheita Helsingissä

Johdanto: vesirikas Riihimäki

Kaivoista ja käymälöistä kohti kunnallista vesihuoltoa

Kasvun ja veden kausi – I vesilaitoksesta II maailmansotaan

Kinetics of biomass pyrolysis

Julkaisun otsikon käännös: : Kinetics of biomass pyrolysis

Kohti puhtaampaa Itämerä

Kokemus

Kajaanin vesihuollon ammattilaisten kokemukset ja näkemykset

Laajentumisen aika

Lähde
Pohjavedenottamot

Long-term strategic decisions in 13 countries and 29 cities
Julkaisun otsikon käännös: : Long-term strategic decisions in 13 countries and 29 cities

Loppuluku – haasteita riittää tulevaisuuteen

Measures for Energy Efficient and Low Emission Private Mobility

Mihin jätevedenpuhdistusta tarvitaan?

Nature and extent of potable water consumption in Tampere (Finland) and Carletonville (South Africa)

Operationalising the right to water and sanitation and gender equality via appropriate technology in rural Nepal

Pääkaupunkiseudun moderni jätevedenpuhdistus ja Viikinmäen puhdistamo

Päätelmät yhdyskuntajätehuollon markkinainnovaatioista - taustat, kiistat ja sovellukset

Päijänne-tunneli ja kolmisopimus

Palo, jano, terveys, hygienia

Paradigma alternativo : O papel das cooperativas e das autoridades locais
Julkaisun otsikon käännös: : Paradigma alternativo : O papel das cooperativas e das autoridades locais

Part I: Early systems and innovations. Ch 3 Introduction: Early cultures and water
Julkaisun otsikon käännös: : Part I: Early systems and innovations. Ch 3 Introduction: Early cultures and water

Part III: Modern Urban Infrastructure. Ch 20 Introduction
Julkaisun otsikon käännös: : Part III: Modern Urban Infrastructure. Ch 20 Introduction

Part III: Modern Urban Infrastructure. Ch 20 Introduction
Julkaisun otsikon käännös: : Part III: Modern Urban Infrastructure. Ch 20 Introduction

Part III: Modern urban infrastructure. Introduction
Julkaisun otsikon käännös: : Part III: Modern urban infrastructure. Introduction

Part II: Period of Slow Development. Ch 8. Introduction: pp. 99-102. Conclusions
Julkaisun otsikon käännös: : Part II: Period of Slow Development. Ch 8. Introduction: pp. 99-102. Conclusions

Pintavedestä pohjaveteen ja tekopohjaveteen

Pohjavesi, meidän vesi

"Poika, nyt lähdetään hommiin" - vesilaitos syntyy

Privatisation of water services in historical context, Mid-1800s to 2004

Julkaisun otsikon käännös: : Privatisation of water services in historical context, Mid-1800s to 2004

Relevance of the resilience concept and long-term thinking for WSS providers

Resiliency is the key for sustainable water services.

Saasta

Jätevesien puhdistus ja viemärointi

Safety of lead water pipes: history and present

Julkaisun otsikon käännös: : Safety of lead water pipes: history and present

Sidosryhmien näkemykset jätehuollon markkinoistumisesta

Syntymä ja kuolema

Laitoksen perustamiseen johtanut kehitys

Tausta: Jätevedenpuhdistuksen alku, tehtävän määrittely ja keskeiset käsitteet

Tavoitteena puhdas asuinympäristö

Technical suitability of the fine fraction of municipal solid waste incineration bottom ash to the landfill capping liner

Technology development theories and water services evolution

Julkaisun otsikon käännös: : Technology development theories and water services evolution

Tuli

Pelko ja pelastus

Tuotanto- ja operointi-innovaatiot - case vesihuolto

Tutkimuksen teoreettinen viitekehys

Tutkimustoiminnalla turvallisuutta ja toimintavarmuutta

päätös panostaa omaan jätevesilaboratorioon

Unipoli Green - Four Universities Working Together for Sustainability

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

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

Uuden vuosituhannen tiennäyttäjät – HS-Veden alkutaival

UV irradiation for Micropollutant removal from aqueous solution in the presence of H₂O₂

Julkaisun otsikon käännös: : UV irradiation for Micropollutant removal from aqueous solution in the presence of H₂O₂

Vaatimus paremmasta puhdistustuloksesta ohjaa jätevedenpuhdistuksen päätöksentekoa

Verkoston varrella

Vesi

Vesilaitoksen alkutaival 1920-luvulta 1970-luvulle

Vesihuollon alku Espoossa: ensimmäiset päätökset

Vesihuollon alkutaival – kehitys 1910 asti

Vesihuollon haasteet ennen ja nyt

Vesihuollon historia pähkinänkuoressa

Vesihuoltoa espoossa ennen kunnallista vesilaitosta

Vesihuoltoa kuntiin

Vesilinna, Riihimäen maamerkki

Vesi on parasta kylmänä – loppusanat

Virta

Kajaani, kaupunki joen varrella

Visio

Historian havinaa ja tulevaisuuden haasteita

Voimaa historiallisesta yhteistyöstä

Water and sanitation services in history: Motivations, expectations and experiences

Julkaisun otsikon käännös: : Water and sanitation services in history: Motivations, expectations and experiences

Water Cooperatives in Tampere, Finland: the case of Pispala

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

Julkaisun otsikon käännös: : Water is the Beginning of All: Global Water Services and Challenges

Water security and resilience

Water services and cooperation

Julkaisun otsikon käännös: : Water services and cooperation

Water services heritage and institutional diversity

Yhdistymishankkeet 2000-luvulla

Yhdyskuntajätehuollon markkinainnovaatiot tutkimuskaupungeissa

Yhdyskuntien vesihuolto – kehityksen ja elämän ehto

Yhteistyö

Yhteistyötarpeet ja synergiaedut :
miksi hoitaa kaikkien jätevedet?

Liite 6: Yleistä kaivannaisjätealueista ja patoturvallisuudesta

Tempoilevasta tiede- ja koulutuspolitiikasta kohti laajempaa näkemystä

Ympäristö- ja vesihistorian tutkimuksesta 2000-luvulla Suomessa

A laboratory listening experiment on subjective and objective rating of impact sound insulation of concrete floors

A method for design of sound insulation of glazed balconies against traffic noise

Career paths of experts on water supply and sanitation services

Julkaisun otsikon käännös: : Career paths of experts on water supply and sanitation services

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

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

Characterization of fine fraction from landfill mining for evaluating methane potential

Julkaisun otsikon käännös: : Characterization of fine fraction from landfill mining for evaluating methane potential

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

Julkaisun otsikon käännös: : Experimental study of oxy-fuel combustion in a drop tube reactor

Finnish engineering education for the benefit of people and environment

Julkaisun otsikon käännös: : Finnish engineering education for the benefit of people and environment

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

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

Julkaisun otsikon käännös: : Hybrid barrier films by atmospheric inline plasma deposition on sol-gel coated PE-cardboard

Metering the quality of water supply and sewage network maintenance services

Julkaisun otsikon käännös: : Metering the quality of water supply and sewage network maintenance services

Modeling of autonomous power systems - A mathematical model of a hybrid power system

Julkaisun otsikon käännös: : Modeling of autonomous power systems - A mathematical model of a hybrid power system

Rural electrification of remote areas - Case studies of two renewable energy projects in Laos and The Philippines
Julkaisun otsikon käännös: : Rural electrification of remote areas - Case studies of two renewable energy projects in Laos and The Philippines

Rural household electricity load profiles with a load simulation tool
Julkaisun otsikon käännös: : Rural household electricity load profiles with a load simulation tool

Significance of Wild Cards and Weak Signals for Sustainability : Case of Water Services
Julkaisun otsikon käännös: : Significance of Wild Cards and Weak Signals for Sustainability : Case of Water Services

Stabilization of fine fraction from landfill mining in leach bed reactor
Julkaisun otsikon käännös: : Stabilization of fine fraction from landfill mining in leach bed reactor

The factors controlling combustion and gasification kinetics of solid fuels
Julkaisun otsikon käännös: : The factors controlling combustion and gasification kinetics of solid fuels

Unsteady computational methods to study jet behaviour in large fluidized bed boiler
Julkaisun otsikon käännös: : Unsteady computational methods to study jet behaviour in large fluidized bed boiler

A comparison of occupational electric field exposures during working tasks at 400 kV and 110 kV substations
Julkaisun otsikon käännös: : A comparison of occupational electric field exposures during working tasks at 400 kV and 110 kV substations

Adjustable hydrophilicity and hydrophobicity on paperboard by liquid flame spray process
Julkaisun otsikon käännös: : Adjustable hydrophilicity and hydrophobicity on paperboard by liquid flame spray process

An example of exposure to magnetic fields in the home
Julkaisun otsikon käännös: : An example of exposure to magnetic fields in the home

Atmospheric plasma enhanced hybrid barrier films through reel-to-reel process
Julkaisun otsikon käännös: : Atmospheric plasma enhanced hybrid barrier films through reel-to-reel process

Calculation of Induced Electric Fields in Human Models Exposed to ELF Magnetic and Electric Fields
Julkaisun otsikon käännös: : Calculation of Induced Electric Fields in Human Models Exposed to ELF Magnetic and Electric Fields

CFD Based Modelling for Predicting Fouling and Corrosion in Kraft Recovery Boilers
Julkaisun otsikon käännös: : CFD Based Modelling for Predicting Fouling and Corrosion in Kraft Recovery Boilers

CFD-Modeling of Fume Formation in Kraft Recovery Boilers
Julkaisun otsikon käännös: : CFD-Modeling of Fume Formation in Kraft Recovery Boilers

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

Comparison between the Occupational ELF magnetic field exposure in Finland and in Italy
Julkaisun otsikon käännös: : Comparison between the Occupational ELF magnetic field exposure in Finland and in Italy

Comparison the portable service platforms influence to electric field exposure at 110 kV substations
Julkaisun otsikon käännös: : Comparison the portable service platforms influence to electric field exposure at 110 kV substations

Developing and testing characterization methods for droplet compustion - part II

Julkaisun otsikon käännös: : Developing and testing characterization methods for droplet compustion - part II

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

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

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

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

Julkaisun otsikon käännös: : Effect of Tissue Conductivity on Internal Body Resistances of Numerical Human Model at Power Frequency

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

Julkaisun otsikon käännös: : Environmental history of water: Global view of community water supply and sanitation

Environmental impact of micropollutants present in urine

Julkaisun otsikon käännös: : Environmental impact of micropollutants present in urine

Examples of occupational ELF electric and magnetic field exposure in Finland

Julkaisun otsikon käännös: : Examples of occupational ELF electric and magnetic field exposure in Finland

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

Julkaisun otsikon käännös: : Examples of using the moodle virtual learning environment for teaching technical university students

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

Julkaisun otsikon käännös: : Examples to Reduce the EMF Generated by HV Power Transmission Lines of Different Design

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

Julkaisun otsikon käännös: : Experiences of integrating MSc student research projects in the "electromagnetic fields and health" area

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

Julkaisun otsikon käännös: : 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

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

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

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

Julkaisun otsikon käännös: : Forgotten infrastructure - In the quest for development, sustainability and security

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

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

Julkaisun otsikon käännös: : Gender comparison - The university students' exam results in the environmental and energy area

Geometry of plate fins for maximizing heat transfer

Julkaisun otsikon käännös: : Geometry of plate fins for maximizing heat transfer

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

Julkaisun otsikon käännös: : Influence of atmospheric plasma treatment on surface properties and inkjet printability of plastic packaging film

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

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

Kirjastolta uutta tiedonhankinnan opetusta tukemaan opetusta antavien yksiköiden toimintaa

Learning for sustainable water and sanitation services

Leveraging concepts for environmentally sustainable business management in construction - a focused review

Long-term measurement of free time exposure to low frequency magnetic fields in Finland

Julkaisun otsikon käännös: : Long-term measurement of free time exposure to low frequency magnetic fields in Finland

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

Julkaisun otsikon käännös: : Managing water and sewerage services in a cold, four-seasons climate

Measurers' Exposure to Extremely Low Frequency Magnetic Fields at 400 kV Substations

Julkaisun otsikon käännös: : Measurers' Exposure to Extremely Low Frequency Magnetic Fields at 400 kV Substations

Modeling of Fine Particles and Alkali Metal Compounds in Kraft Recovery Boiler Furnace

Julkaisun otsikon käännös: : Modeling of Fine Particles and Alkali Metal Compounds in Kraft Recovery Boiler Furnace

Modelling of anisotropic fatigue

Modelling of seep through of humidity to electric connector with stochastic processes

Need of Services and Understanding of Service Providers in Water and Sanitation: A Case of Ethiopia

Negotiating water governance: towards cooperation in contentious groundwater recharge projects

Occupational Exposure to Extremely Low Frequency Electric Fields in Office Work

Julkaisun otsikon käännös: : Occupational Exposure to Extremely Low Frequency Electric Fields in Office Work

Perfusion characterization using flow simulations and μ PIV measurements

Julkaisun otsikon käännös: : Perfusion characterization using flow simulations and μ PIV measurements

Reduction of combustion-generated emissions by means of multiobjective optimization and computational fluid dynamics

Julkaisun otsikon käännös: : Reduction of combustion-generated emissions by means of multiobjective optimization and computational fluid dynamics

Removal of odours in dry toilets by biofiltration

Julkaisun otsikon käännös: : Removal of odours in dry toilets by biofiltration

Requirements for rainfall retention and storage in cold climate

Julkaisun otsikon käännös: : Requirements for rainfall retention and storage in cold climate

Sisäympäristön laadun ja terveellisuuden arviointi energiaparannuskohteissa

Study of Aerosols of Black Liquor Combustion

Julkaisun otsikon käännös: : Study of Aerosols of Black Liquor Combustion

Sustainability competencies of engineers in the field of water supply and sanitation

Julkaisun otsikon käännös: : Sustainability competencies of engineers in the field of water supply and sanitation

The doors of operating devices mitigation influence to the electric field exposure at 110kV substation tasks on service platforms

Julkaisun otsikon käännös: : The doors of operating devices mitigation influence to the electric field exposure at 110kV substation tasks on service platforms

The effects of improved energy efficiency on indoor environmental quality in multi-family buildings

The experiences of technical university students on an "environmental health" course

Julkaisun otsikon käännös: : The experiences of technical university students on an "environmental health" course

The Possible Exposure of Children to Extremely Low Frequency Magnetic Fields in the Home

Julkaisun otsikon käännös: : The Possible Exposure of Children to Extremely Low Frequency Magnetic Fields in the Home

The role of inorganics in modelling of biomass gasification

The technical students' feedback from the course issues on environmental health

Julkaisun otsikon käännös: : The technical students' feedback from the course issues on environmental health

Two Years after Donor Funding Ended: Success Factors for Schools to Keep their Urine-Diverting Dry Toilets (UDDTs) Clean and Well Maintained

Julkaisun otsikon käännös: : Two Years after Donor Funding Ended: Success Factors for Schools to Keep their Urine-Diverting Dry Toilets (UDDTs) Clean and Well Maintained

Use of analytical expressions of convection in conjugated heat transfer problems

Julkaisun otsikon käännös: : Use of analytical expressions of convection in conjugated heat transfer problems

Are Finns walking the talk?

Examining the national collaboration process on engineering education for sustainable development five years later

A study of a condensing heat exchanger and electrostatic precipitator combination for small-scale wood combustion

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

Dry Toilet Sanitation as an Alternative Solution to the Rural Ethiopia

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

Factors affecting the elimination capacity of a passive methane biofilter

Kokeellinen tutkimus savupiipun läpivientieristeen orgaanisen aineen palamisen vaikutuksesta paloturvallisuuteen

L'oxydation chimique pour la remediation des sols contamines par des composes recalcitrants. Cas de la chlordecone
Julkaisun otsikon käännös: : L'oxydation chimique pour la remediation des sols contamines par des composes recalcitrants. Cas de la chlordecone

Test in scala reale su argille sensibili: l'esperienza finlandese

Application oriented wear testing of wear resistant steels in mining industry

Chasing measurements for real-world emissions of city buses

Education, Research and Capacity Building for Water Services

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

Effect of N/S ratio on anoxic sulfide oxidizing bioreactors

Nanoscale Surface Processing of Extrusion Coated Substrates with Atmospheric Plasma Technology

Nitrogen recovery from reject water in a 3-chamber bioelectroconcentration cell

Opening of the seminar

The Challenge of Aging Infrastructure, Aging Staff and Reflections for Education and Research

The effect of climate change on freeze-thaw durability of concrete structures in Finland

The effect of lake bottom sediment layers on radionuclide transport from bedrock to biosphere and doses to humans

Towards enhanced nutrient recovery, biogas production and upgrading through AD and BES integration

Acceptability of contaminated soils and waste materials in landfill structures

Flotaatiokennon injektorin diffuusori
Julkaisun otsikon käännös: : Flotaatiokennon injektorin diffuusori

Älypölkky, radan monitorointi, kreosoottipölkyn korvaavat vaihtoehdot

Ballast bed

Historian hajuista tuoksujen tulevaisuuteen
Pääkaupunkiseudun jätevedenpuhdistuksen keskeiset päätökset Espoon näkökulmasta

Näkökulma-kolumni: Putkiremontit kestävät aivan liian kauan

Sleepers

Tutkimusohjelma Elinkaaritehokas RAta (TERA)
Kokonaisvaltainen ote ratarakennetutkimukseen