Research outputs:

Characterization of coal bio ash from wood pellets and low-alkali coal fly ash and use as partial cement replacement in mortar
Research output: Research - peer-review › Journal article – Annual report year: 2019

Characterization of sewage sludge ash and its effect on moisture physics of mortar
Research output: Research - peer-review › Journal article – Annual report year: 2019

Comparison of two- and three-compartment cells for electrodialytic removal of heavy metals from contaminated material suspensions
Research output: Research - peer-review › Journal article – Annual report year: 2019

Discarded nylon fishing nets as fibre reinforcement in cement mortar
Research output: Research - peer-review › Book chapter – Annual report year: 2019

Electro-remediation of tailings from a multi-metal sulphide mine: comparing removal efficiencies of Pb, Zn, Cu and Cd
Research output: Research - peer-review › Journal article – Annual report year: 2019

Quantitative analysis of the influence of synthetic fibres on plastic shrinkage cracking using digital image correlation
Research output: Research - peer-review › Journal article – Annual report year: 2019

Sustainability of construction materials: Electrodialytic technology as a tool for mortars production
Research output: Research - peer-review › Journal article – Annual report year: 2019

Applying multivariate analysis for optimising the electrodialytic removal of Cu and Pb from shooting range soils
Research output: Research - peer-review › Journal article – Annual report year: 2018

Challenges in electrochemical remediation of chlorinated solvents in natural groundwater aquifer settings
Research output: Research - peer-review › Journal article – Annual report year: 2018

Design and assessment of electrochemical zones for remediation of chlorinated solvents in natural groundwater aquifer settings
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2018

Design and assessment of electrochemical zones for remediation of chlorinated solvents in natural groundwater aquifer settings
Research output: Research - peer-review › Poster – Annual report year: 2018
Effect of long-term electrodialytic soil remediation on Pb removal and soil weathering
Research output: Research - peer-review › Journal article – Annual report year: 2018

Electrodialytic extraction of Cr from water-washed MSWI fly ash by changing pH and redox conditions
Research output: Research - peer-review › Journal article – Annual report year: 2017

Electrodialytic phosphorus recovery from sewage sludge ash under kinetic control
Research output: Research - peer-review › Journal article – Annual report year: 2018

Electrokinetically-Based Remediation of Chlorinated Ethenes in Low Permeable Soils
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2018

Enhancing the efficiency of electrochemical desalination of stones: a proton pump approach
Research output: Research - peer-review › Journal article – Annual report year: 2018

Influence of electrode placement for mobilising and removing metals during electrodialytic remediation of metals from shooting range soil
Research output: Research - peer-review › Journal article – Annual report year: 2018

Long-term dispersion and availability of metals from submarine mine tailing disposal in a fjord in Arctic Norway
Research output: Research - peer-review › Journal article – Annual report year: 2018

Mining sewage sludge ash by electrodialytic separation
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2018

New Double Electrode System for the Electrochemical Desalination of Building Stones
Research output: Research - peer-review › Journal article – Annual report year: 2018

PE-membranes leveret i byggeriet: et litteraturstudie
Research output: Research - peer-review › Report – Annual report year: 2018

Project families: How to improve learning in thesis work and increase impact on research
Research output: Communication › Sound/Visual production (digital) – Annual report year: 2018

Project families: How to improve learning in thesis works and increase impact on research
Research output: Research › Report – Annual report year: 2018

Recycling Concrete Aggregates in New Concrete: Investigations of Quality and Origin of the Concrete Waste
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2018

Reduction of climate impact from concrete by incorporation of mine tailings
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2018

Selenium removal from petroleum refinery wastewater using an electrocoagulation technique
Research output: Research - peer-review › Journal article – Annual report year: 2018

The influence of Magnafloc10 on the acidic, alkaline, and electrodialytic desorption of metals from mine tailings
Research output: Research - peer-review › Journal article – Annual report year: 2018
The relative influence of electrokinetic remediation design on the removal of As, Cu, Pb and Sb from shooting range soils
Research output: Research - peer-review › Journal article – Annual report year: 2018

Utilisation of Electrodialytically Treated Sewage Sludge Ash in Mortar
Research output: Research - peer-review › Journal article – Annual report year: 2018

Utilization of Mine Tailings As Partial Cement Replacement
Research output: Research - peer-review › Journal article – Annual report year: 2018

Wood Ashes for Possible Utilisation in Cement-based Materials Evaluated by Multivariate Models
Research output: Research - peer-review › Journal article – Annual report year: 2018

SEQUENTIAL ELECTRODIALYTIC EXTRACTION OF PHOSPHORUS COMPOUNDS
Research output: Research › Patent – Annual report year: 2017

ELECTROKINETIC DEVICE AND METHOD FOR CONSOLIDATING POROUS MATERIALS
Research output: Research › Patent – Annual report year: 2017

An improved electrokinetic method to consolidate porous materials
Research output: Research - peer-review › Journal article – Annual report year: 2017

Circular Ocean. Environmental challenges related to waste fishing nets and innovative use as resource in fiber-reinforced concrete
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2017

Colour, compressive strength and workability of mortars with an iron rich sewage sludge ash
Research output: Research - peer-review › Journal article – Annual report year: 2017

Comparison of different MSWI fly ash treatment processes on the thermal behavior of As, Cr, Pb and Zn in the ash
Research output: Research - peer-review › Journal article – Annual report year: 2017

Comparison of phosphorus recovery from incineration and gasification sewage sludge ash
Research output: Research - peer-review › Journal article – Annual report year: 2017

Comparison of two- and three-compartment cells for electrodialytic removal of heavy metals from contaminated material suspensions
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2017

Effect of long-term electrodialytic soil remediation on Pb removal and soil weathering
Research output: Research - peer-review › Article in proceedings – Annual report year: 2017

Electrochemically induced reduction and oxidation of chlorinated solvents in groundwater
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2017

Electrode placement during electro-desalination of
Research output: Research - peer-review › Article in proceedings – Annual report year: 2017

Electrodialytic remediation of municipal solid waste incineration residues using different membranes
Research output: Research - peer-review › Journal article – Annual report year: 2017

Electrokinetic desalination of protruded areas of stone avoiding the direct contact with electrodes
Research output: Research - peer-review › Journal article – Annual report year: 2017
Environmental Electrokinetics for a sustainable subsurface
Research output: Research - peer-review › Journal article – Annual report year: 2017

Klimavenlig beton
Research output: Research › Report – Annual report year: 2017

Metal speciation of historic and new copper mine tailings from Repparfjorden, Northern Norway, before and after acid, base and electrodialytic extraction
Research output: Research - peer-review › Journal article – Annual report year: 2016

Project families: A new concept for student thesis activities
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2017

Recycling of MSWI fly ash in clay bricks-effect of washing and electrodialytic treatment
Research output: Research - peer-review › Article in proceedings – Annual report year: 2017

Reuse of polyethylene fibres from discarded fishing nets as reinforcement in gypsum-based materials
Research output: Research - peer-review › Paper – Annual report year: 2017

Sequential electrodialytic recovery of phosphorus from low-temperature gasification ashes of chemically precipitated sewage sludge
Research output: Research - peer-review › Journal article – Annual report year: 2016

Simultaneous electrodialytic removal of PAH, PCB, TBT and heavy metals from sediments
Research output: Research - peer-review › Journal article – Annual report year: 2017

The influence of sediment properties and experimental variables on the efficiency of electrodialytic removal of metals from sediment
Research output: Research - peer-review › Journal article – Annual report year: 2017

Utilisation of electrodialytic treated sewage sludge ash in cement based materials
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2017

Utilization of mine tailings as partial cement replacement
Research output: Research - peer-review › Article in proceedings – Annual report year: 2017

Applying multivariate analysis as decision tool for evaluating sediment-specific remediation strategies
Research output: Research - peer-review › Journal article – Annual report year: 2016

Chemometric analysis for pollution source assessment of harbour sediments in Arctic locations
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2016

Comparison of phosphorus recovery from incineration and gasification sewage sludge ash
Research output: Research - peer-review › Paper – Annual report year: 2016

Degradation of oil products in a soil from a Russian Barents hot-spot during electrodialytic remediation
Research output: Research - peer-review › Journal article – Annual report year: 2016

Electro-desalination of Buildings Suffering from Salt Weathering
Research output: Research - peer-review › Book chapter – Annual report year: 2015
Electro-desalination of glazed tile panels - discussion of possibilities
Research output: Research - peer-review > Article in proceedings – Annual report year: 2016

Electro-desalination of sandstone contaminated with sodium sulphate
Research output: Research - peer-review > Conference abstract in proceedings – Annual report year: 2016

Electro-desalination of sulfate contaminated carbonaceous sandstone – risk for salt induced decay during the process
Research output: Research - peer-review > Article in proceedings – Annual report year: 2016

Electrodialytic recovery of phosphorus from chemically precipitated sewage sludge ashes
Research output: Research - peer-review > Poster – Annual report year: 2016

Electrodialytic recovery of phosphorus from chemically precipitated sewage sludge ashes
Research output: Research - peer-review > Conference abstract for conference – Annual report year: 2016

Electrokinetic Remediation of Copper Mine Tailings: Evaluating Different Alternatives for the Electric Field
Research output: Research - peer-review > Book chapter – Annual report year: 2015

Electrokinetic Soil Remediation: An Overview
Research output: Research - peer-review > Book chapter – Annual report year: 2015

Engineering properties of fibres from waste fishing nets
Research output: Research - peer-review > Article in proceedings – Annual report year: 2016

Greenlandic Waste Incineration Fly And Bottom Ash As Secondary Resource In Mortar
Research output: Research - peer-review > Journal article – Annual report year: 2016

Incorporation of Different Fly Ashes from MSWI as Substitute for Cement in Mortar: An Overview of the Suitability of Electrodialytic Pre-treatment
Research output: Research - peer-review > Book chapter – Annual report year: 2015

Incorporation of treated straw and wood fly ash into clay building brick
Research output: Research - peer-review > Conference abstract in proceedings – Annual report year: 2016

Nanoremediation Coupled to Electrokinetics for PCB Removal from Soil
Research output: Research - peer-review > Book chapter – Annual report year: 2015

Phosphorous recovery from sewage sludge ash suspended in water in a two-compartment electrodialytic cell
Research output: Research - peer-review > Journal article – Annual report year: 2016

Polluted sediments in arctic harbors and electrodialytic remediation
Research output: Research - peer-review > Conference abstract in proceedings – Annual report year: 2016

Proceedings of the International Conference Materials, Systems and Structures in Civil Engineering 2016: Workshop on Cold Region Engineering
Research output: Research - peer-review > Book – Annual report year: 2016

Research output: Research - peer-review > Book – Annual report year: 2016
Recycled fishing nets as reinforcement of existing concrete structures
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2016

Remediation of as - comparison of two different electrodialytic cells and applicability of treated soil in brick materials
Research output: Research - peer-review › Article in proceedings – Annual report year: 2016

Replacement of 5% of OPC by fly ash and APC residues from MSWI with electrodialytic pre-treatment
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2016

Screening of heavy metal containing waste types for use as raw material in Arctic clay-based bricks
Research output: Research - peer-review › Journal article – Annual report year: 2017

Suspended electrodialytic extraction of toxic elements for detoxification of three different mine tailings
Research output: Research - peer-review › Conference article – Annual report year: 2016

The necessity of recovering soluble phosphorus from sewage sludge ashes before use in concrete based on concrete setting and workability
Research output: Research - peer-review › Article in proceedings – Annual report year: 2016

Valorisation of ferric sewage sludge ashes: Potential as a phosphorus source
Research output: Research - peer-review › Journal article – Annual report year: 2016

Valorisation of Phosphorus Extracted from Dairy Cattle Slurry and Municipal Solid Wastes Digestates as a Fertilizer
Research output: Research - peer-review › Journal article – Annual report year: 2016

Wood ash used as partly sand and/or cement replacement in mortar
Research output: Research - peer-review › Journal article – Annual report year: 2016

Ammonium citrate as enhancement for electrodialytic soil remediation and investigation of soil solution during the process
Research output: Research - peer-review › Journal article – Annual report year: 2015

An optimised method for electrodialytic removal of heavy metals from harbour sediments
Research output: Research - peer-review › Journal article – Annual report year: 2015

Chemometric Analysis for Pollution Source Assessment of Harbour Sediments in Arctic Locations
Research output: Research - peer-review › Journal article – Annual report year: 2015

Comparison of 2-compartment, 3-compartment and stack designs for electrodialytic removal of heavy metals from harbour sediments
Research output: Research - peer-review › Journal article – Annual report year: 2015

Comparison of two different electrodialytic cells for separation of phosphorus and heavy metals from sewage sludge ash
Research output: Research - peer-review › Journal article – Annual report year: 2015

Electrochemical desalination of bricks - Experimental and modeling
Research output: Research - peer-review › Journal article – Annual report year: 2015
Electrochemical desalination of historic Portuguese tiles: Removal of chlorides, nitrates and sulfates
Research output: Research - peer-review › Journal article – Annual report year: 2015

Electrochemically enhanced reduction of hexavalent chromium in contaminated clay: Kinetics, energy consumption, and application of pulse current
Research output: Research - peer-review › Journal article – Annual report year: 2015

Electrodialytic extraction of phosphorus from ash of low-temperature gasification of sewage sludge
Research output: Research - peer-review › Journal article – Annual report year: 2015

Electrodialytic remediation of fly ash from co-combustion of wood and straw
Research output: Research - peer-review › Journal article – Annual report year: 2015

Electrodialytic removal of heavy metals and chloride from municipal solid waste incineration fly ash and air pollution control residue in suspension - test of a new two compartment experimental cell
Research output: Research - peer-review › Journal article – Annual report year: 2015

Electrodialytic separation of phosphorus and heavy metals from sewage sludge ash
Research output: Research › Poster – Annual report year: 2015

Electrodialytic treatment of municipal wastewater and sludge for the removal of heavy metals and recovery of phosphorus
Research output: Research - peer-review › Journal article – Annual report year: 2015

Electrodialytic upgrading of three different municipal solid waste incineration residue types with focus on Cr, Pb, Zn, Mn, Mo, Sb, Se, V, CI and SO4
Research output: Research - peer-review › Journal article – Annual report year: 2015

Electrokinetically Enhanced Delivery for ERD Remediation of Chlorinated Ethenes in a Fractured Limestone Aquifer
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2015

Electroremediation of PCB contaminated soil combined with iron nanoparticles: Effect of the soil type
Research output: Research - peer-review › Journal article – Annual report year: 2015

Influence of the properties of granite and sandstone in the desalination process by electrokinetic technique
Research output: Research - peer-review › Journal article – Annual report year: 2015

Multivariate methods for evaluating the efficiency of electrodialytic removal of heavy metals from polluted harbour sediments
Research output: Research - peer-review › Journal article – Annual report year: 2015

Preliminary analysis of recycled fishing nets in construction materials
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015

Properties of bricks produced from Greenlandic marine sediments
Research output: Research - peer-review › Article in proceedings – Annual report year: 2015

Screening of variable importance for optimizing electrodialytic remediation of heavy metals from polluted harbour sediments
Research output: Research - peer-review › Journal article – Annual report year: 2015

The colour potentials of SSA-containing mortar
Research output: Research - peer-review › Article in proceedings – Annual report year: 2015
The colour potentials of SSA-containing mortar: the long version
Research output: Research - peer-review › Article in proceedings – Annual report year: 2015

Treatment of a suspension of PCB contaminated soil using iron nanoparticles and electric current
Research output: Research - peer-review › Journal article – Annual report year: 2015

Udvinding af fosfor fra slamaske med elektrokemisk teknik: Målprojekt nr. 1702
Research output: Communication › Report – Annual report year: 2015

Use of glaciogenic marine clays for brick production in the Arctic
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015

Use of Greenlandic resources for the production of bricks

Using project families to activate students in the lab
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015

A comparative study on electrodialytically treated bio-ash and MSWI APC-residue for use in bricks
Research output: Research - peer-review › Article in proceedings – Annual report year: 2014

A comparative study on electrodialytic treated bio-ash and MSWI-APC residue for use in bricks
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2014

Comparison of two experimental set-ups for electrodialytic removal of heavy metals and Cl from MSWI APC residues
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2014

Desalination of granite and sandstones by electrokinetic techniques. Comparison
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015

Desalination of salt damaged Obernkirchen sandstone by an applied DC field
Research output: Research - peer-review › Journal article – Annual report year: 2014

Desalination of sandstone with two different setups under an applied electric field
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015

Determining variable importance on electrodialytic remediation of heavy metals from polluted harbour sediments
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015

EK-BIO i kalk
Research output: Research - peer-review › Poster – Annual report year: 2015

Electrodesalination of sandstones with irregular shapes and uneven distribution of salts
Research output: Research - peer-review › Article in proceedings – Annual report year: 2014

Electrodialytic extraction of phosphorus from ash of low-temperature gasification of sewage sludge
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015

Electrodialytic remediation of polychlorinated biphenyls contaminated soil with iron nanoparticles and two different surfactants.
Electrodialytic removal of heavy metals from fly ash from co-combustion of wood and straw – influence from prewash
Electrodialytic Separation of Phosphorus and Heavy Metals from Two Types of Sewage Sludge Ash
Electrokinetics in the Removal of Metal Ions from Soils
Membrane influence on electrodialytic remediation of air pollution control from municipal incinerated solid waste
Modeling Electric Double-Layers Including Chemical Reaction Effects
Multivariate analysis of variable importance in the scaling up of electrodialytic remediation of heavy metals from harbour sediments
Organization of BSc and MSc projects in project families
Phosphorus recovery and heavy metal removal during municipal wastewater treatment
Phosphorus recovery from sewage sludge ash through an electrodialytic process
Pilot scale electrodialytic treatment of MSWI APC residue to decrease leaching of toxic metals and salts
Screening of waste for use in clay-based bricks in the Arctic
Testing of new shifting current electrodialytic treatment setup for efficient treatment of Cr-contaminated soil fines
The Aesthetical quality of SSA-containing mortar and concrete
Two step electrodialytic remediation of soil suspension for simultaneous removal of As and Cu
ZeroWaste: Turning waste into a new, sustainable resource for concrete
ZeroWaste BYG: Redesigning construction materials towards zero waste society
Affald er fremtidens byggemateriale
Research output: Communication › Net publication - Internet publication – Annual report year: 2013

Computing multi-species chemical equilibrium with an algorithm based on the reaction extents
Research output: Research - peer-review › Journal article – Annual report year: 2013

Effect of pulse current on acidification and removal of Cu, Cd, and As during suspended electrodialytic soil remediation
Research output: Research - peer-review › Journal article – Annual report year: 2013

Electrodialytic extraction of heavy metals from Greenlandic MSWI fly ash as a function of remediation time and L/S ratio
Research output: Research - peer-review › Article in proceedings – Annual report year: 2013

Electrodialytic Remediation of Different Heavy Metal-Polluted Soils in Suspension
Research output: Research - peer-review › Journal article – Annual report year: 2013

Electrodialytic removal of Cd from biomass combustion fly ash suspensions
Research output: Research - peer-review › Journal article – Annual report year: 2013

Electrodialytic soil remediation enhanced by low frequency pulse current: Overall chronopotentiometric measurement
Research output: Research - peer-review › Journal article – Annual report year: 2013

Electro-remediation of copper mine tailings. Comparing copper removal efficiencies for two tailings of different age
Research output: Research - peer-review › Journal article – Annual report year: 2013

Extracting phosphorous from incinerated sewage sludge ash rich in iron or aluminum
Research output: Research - peer-review › Journal article – Annual report year: 2013

Matrix changes and side effects induced by electrokinetic treatment of porous and particulate materials
Research output: Research › Ph.D. thesis – Annual report year: 2014

Phosphorus Recovery from a Water Reservoir–Potential of Nanofiltration Coupled to Electrodialytic Process
Research output: Research - peer-review › Journal article – Annual report year: 2013

Suspended electrodialytic remediation for detoxification of copper-mine tailings
Research output: Research - peer-review › Article in proceedings – Annual report year: 2013

A model for competitive electrolytic reactions involving gaseous species
Research output: Research › Conference abstract for conference – Annual report year: 2012

A physicochemical and numerical model for electrokinetic transport
Research output: Research › Conference abstract for conference – Annual report year: 2012

Assessing fly ash treatment: Remediation and stabilization of heavy metals
Research output: Research - peer-review › Journal article – Annual report year: 2012

Assessing PAH removal from clayey soil by means of electro-osmosis and electrodialysis
Research output: Research - peer-review › Journal article – Annual report year: 2012

Diffusion and electromigration in clay bricks influenced by differences in the pore system resulting from firing
Research output: Research - peer-review › Journal article – Annual report year: 2012
Effects of pulse current on energy consumption and removal of heavy metals during electrodialytic soil remediation
Research output: Research - peer-review › Journal article – Annual report year: 2012

Electrochemical desalination of salt infected limestone masonry of a historic warehouse
Research output: Research - peer-review › Article in proceedings – Annual report year: 2012

Electrodialytic Remediation of Copper Mine Tailings
Research output: Research › Conference abstract in journal – Annual report year: 2012

Electrodialytic remediation of heavy metal polluted soil: treatment of water saturated or suspended soil
Research output: Research - peer-review › Article in proceedings – Annual report year: 2013

Electrodialytic remediation of suspended soil – Comparison of two different soil fractions
Research output: Research - peer-review › Journal article – Annual report year: 2011

Electrodialytic treatment of sewage sludge ash for the recovery of phosphorous
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2012

Electrodialytic treatment of sewage sludge ash for the recovery of phosphorous and separation of heavy metals
Research output: Research - peer-review › Article in proceedings – Annual report year: 2012

Electrodialytic upgrading of municipal waste incineration fly ash for reuse: optimization of time and energy consumption
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2012

Electrodialytic versus acid extraction of heavy metals from soil washing residue
Research output: Research - peer-review › Journal article – Annual report year: 2012

Electrokinetic desalination of sandstones for NaCl removal: Test of different clay poultries at the electrodes
Research output: Research - peer-review › Journal article – Annual report year: 2012

Modeling of electrokinetic desalination of bricks
Research output: Research - peer-review › Journal article – Annual report year: 2011

Phosphorus recovery from a water reservoir by nanofiltration and electrodialysis
Research output: Research - peer-review › Paper – Annual report year: 2012

Phosphorus recovery from sewage sludge by an electrokinetic process
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2012

Phosphorus recovery from sewage sludge by an electrokinetic process
Research output: Research - peer-review › Poster – Annual report year: 2012

Physicochemical and numerical modeling of electrokinetics in inhomogenous matrices
Research output: Research › Ph.D. thesis – Annual report year: 2012

Pulse current enhanced electrodialytic soil remediation: Comparison of different pulse frequencies
Research output: Research - peer-review › Journal article – Annual report year: 2012

Self Cleaning Paint: Introduction of Photocatalytic Particles into a Paint System
Research output: Research › Ph.D. thesis – Annual report year: 2012
Simulation-based Analysis of the Differences in the Removal Rate of Chlorides, Nitrates and Sulfates by Electrokinetic Desalination Treatments
Research output: Research - peer-review › Journal article – Annual report year: 2012

The effect of pulse current on energy saving during Electrochemical Chloride Extraction (ECE) in concrete
Research output: Research - peer-review › Article in proceedings – Annual report year: 2012

Advanced analytical techniques in ELECTROACROSS. Matrix characterization and monitoring electrokinetic processes in recovery, remediation and conservation: Abstract of poster presentation
Research output: Research › Conference abstract for conference – Annual report year: 2011

Comparison between electrodialytic extraction and acid washing of heavy metals from sludge of soil washing
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2011

Coupling the transport of water and aqueous species in finite element modeling of electrokinetics
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2011

Electrochemical desalination of historic Portuguese Tiles, Azulejos, in laboratory scale
Research output: Research - peer-review › Article in proceedings – Annual report year: 2011

Electrochemical in-situ impregnation of wood using a copper nail as source for copper
Research output: Research - peer-review › Journal article – Annual report year: 2010

Electrokinetics across disciplines and continents: an integrated approach to finding new strategies for sustainable development - ELECTROACROSS: Abstract of poster presentation
Research output: Research › Conference abstract in proceedings – Annual report year: 2011

Evaluating the potential for reusing biomass combustion fly ashes after removal of Cd by electrodialytic remediation
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2011

Evaluation of Salt Removal from Azulejo Tiles and Mortars using Electrodesalination
Research output: Research - peer-review › Article in proceedings – Annual report year: 2011

Excursions and participation from companies in a weekly 5 ECTS course
Research output: Research - peer-review › Article in proceedings – Annual report year: 2011

Influence of the Chemical Interactions on the Removal Rate of Different Salts in Electrokinetic Desalination Processes
Research output: Research - peer-review › Article in proceedings – Annual report year: 2011

Mathematical Modeling of the Role of Chemical Speciation on Electrokinetic Transport of Chemicals in Soil
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2011

Mathematical Modeling of the Role of Chemical Speciation on Electrokinetic Transport of Chemicals in Soil
Research output: Research - peer-review › Poster – Annual report year: 2011

Modeling of electrokinetic processes by finite element integration of the Nernst–Planck–Poisson system of equations
Research output: Research - peer-review › Journal article – Annual report year: 2011
Modelling of Electrokinetic Processes in Civil and Environmental Engineering Applications
Research output: Research - peer-review › Article in proceedings – Annual report year: 2011

Test of a non-destructive method for determination of moisture changes in particulate materials during electrokinetic treatment
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2011

Two-Dimensional Modeling of the Electrokinetic Desalination Treatment of a Brick Wall: Abstract of oral presentation
Research output: Research › Conference abstract in proceedings – Annual report year: 2011

8th fib International PhD Symposium in Civil Engineering: Proceedings
Research output: Research - peer-review › Book – Annual report year: 2010

Development of Electrode Units for Electrokinetic Desalination of Masonry and Pilot Scale Test at Three locations for Removal of Chlorides
Research output: Research - peer-review › Article in proceedings – Annual report year: 2010

Electrochemical peroxidation as a tool to remove arsenic and copper from smelter wastewater
Research output: Research - peer-review › Journal article – Annual report year: 2010

Electrodialytic treatment for metal removal from sewage sludge ash from fluidized bed combustion
Research output: Research - peer-review › Journal article – Annual report year: 2010

Electrokinetic desalination of glazed ceramic tiles
Research output: Research - peer-review › Conference article – Annual report year: 2010

Electrokinetic desalination of sulfate from stone and the impact of calcium ions
Research output: Research - peer-review › Poster – Annual report year: 2010

Electroremediation of air pollution control residues in a continuous reactor
Research output: Research - peer-review › Journal article – Annual report year: 2010

Experimental and modeling of the electrodialytic and dialytic treatment of a fly ash containing Cd, Cu and Pb
Research output: Research - peer-review › Journal article – Annual report year: 2010

Investigations of Cu, Pb and Zn partitioning by sequential extraction in harbour sediments after electrodialytic remediation
Research output: Research - peer-review › Journal article – Annual report year: 2010

Modeling of Electrokinetic Processes Using the Nernst-Plank-Poisson System
Research output: Research - peer-review › Article in proceedings – Annual report year: 2010

Modeling of the Ionic Multi-Species Transport Phenomena in Electrokinetic Processes and Comparison with Experimental Results
Research output: Research - peer-review › Article in proceedings – Annual report year: 2010

Numerical Simulations of Electrokinetic Processes Comparing the Use of a Constant Voltage Difference or a Constant Current as Driving Force
Research output: Research › Poster – Annual report year: 2010

Opgradering af farligt røggasaffald
Research output: Communication › Journal article – Annual report year: 2010
Removal of alum from Iron-Age wooden objects by an applied electric field
Research output: Research - peer-review › Article in proceedings – Annual report year: 2010

Removal of Arsenic from Wastewaters by Airlift Electrocoagulation: Part 3: Copper Smelter Wastewater Treatment
Research output: Research - peer-review › Journal article – Annual report year: 2010

Reuse of harbour sediments in the Greenlandic construction industry
Research output: Research - peer-review › Article in proceedings – Annual report year: 2010

Test of electrodialytic upgrading of MSWI APC residue in pilot scale: focus on reduced metal and salt leaching
Research output: Research - peer-review › Journal article – Annual report year: 2010

The impact of calcium ions on the electrokinetic desalination of sulfate from stone: Preliminary results
Research output: Research - peer-review › Poster – Annual report year: 2010

The possibility for using electrokinetics for desalination of sandstone with low porosity
Research output: Research - peer-review › Article in proceedings – Annual report year: 2010

Use of clay from kangerlussuaq in the Greenlandic construction industry
Research output: Research - peer-review › Article in proceedings – Annual report year: 2010

Annual Report 2008
Research output: Communication › Report – Annual report year: 2009

Desalination of a brick by application of an electric DC field
Research output: Research - peer-review › Journal article – Annual report year: 2009

Electrochemical desalination of concrete and electrochemical soil remediation - Differences and similarities
Research output: Research - peer-review › Article in proceedings – Annual report year: 2009

Electrodialytic remediation of harbour sediment in suspension - Evaluation of effects induced by changes in stirring velocity and current density on heavy metal removal and pH
Research output: Research - peer-review › Journal article – Annual report year: 2009

Electrodialytic Remediation of Soil Slurry-Removal of Cu, Cr, and As
Research output: Research - peer-review › Journal article – Annual report year: 2009

Electrodialytic treatment of sludge ash from fluidized bed combustor
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2009

Electrokinetic remediation of heavy metal polluted soil: Recent developments towards a continuous process
Research output: Research - peer-review › Article in proceedings – Annual report year: 2009

Electrokinetic Removal of Heavy Metals
Research output: Research - peer-review › Book chapter – Annual report year: 2009

Electroremediation of straw and co-combustion ash under acidic conditions
Research output: Research - peer-review › Journal article – Annual report year: 2009

METHOD AND DEVICE FOR REMOVING AN IONIC IMPURITY FROM BUILDING STRUCTURES
Research output: Research › Patent – Annual report year: 2009
Relation Between pH and Desorption of Cu, Cr, Zn, and Pb from Industrially Polluted Soils
Research output: Research - peer-review › Journal article – Annual report year: 2009

The use of an electric field for the removal of alum from treated wooden objects
Research output: Research › Conference abstract in proceedings – Annual report year: 2009

Characterization of fly ash from bio and municipal waste
Research output: Research › Journal article – Annual report year: 2008

Desalination of a wall section with murals by electromigration
Research output: Research › Article in proceedings – Annual report year: 2008

Electrochemical desalination of cotta-sandstone
Research output: Research › Conference abstract for conference – Annual report year: 2008

Electrochemical removal of salts from masonry - Experiences from pilot scale
Research output: Research › Article in proceedings – Annual report year: 2008

Electrodialytic extraction of Cu, Cr and As from soil suspension
Research output: Research › Conference abstract in proceedings – Annual report year: 2008

Electrodialytic remediation of air pollution control residues in bench scale
Research output: Research › Conference abstract in proceedings – Annual report year: 2008

Electrodialytic remediation of suspended mine tailings
Research output: Research › Journal article – Annual report year: 2008

Electrodialytic removal of Cd from straw ash in a pilot plant
Research output: Research › Journal article – Annual report year: 2008

Electrodialytic treatment of fly ash
Research output: Research › Poster – Annual report year: 2008

Modeling of electromigration salt removal methods in building materials
Research output: Research › Article in proceedings – Annual report year: 2008

Preliminary treatment of MSW fly ash as a way of improving electrodialytic remediation
Research output: Research › Journal article – Annual report year: 2008

Re-impregnation of wood with a Cu-anode
Research output: Research › Conference abstract for conference – Annual report year: 2008

Salt Weathering on Buildings and Stone Sculptures
Research output: Research › Book – Annual report year: 2008

Utilization of electromigration in civil and environmental engineering - Processes, transport rates and matrix changes
Research output: Research › Journal article – Annual report year: 2008

Diagnostic analysis of electrodialysis in mine tailing materials
Research output: Research › Journal article – Annual report year: 2007
Drying brick masonry by electroosmosis - small pilot plant
Research output: Research - peer-review › Poster – Annual report year: 2007

Electrodialytic extraction of Cd and Cu from sediment from Sisimiut Harbour, Greenland
Research output: Research - peer-review › Journal article – Annual report year: 2007

Electrodialytic Remediation of Soil Fines (<63μm) in Suspension: Influence of Current Strength and L/S.
Research output: Research - peer-review › Journal article – Annual report year: 2007

Electrodialytic removal of toxic elements from sediments of eutrophic fresh waters
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2007

Electrokinetic remediation of copper mine tailings: Implementing bipolar electrodes
Research output: Research - peer-review › Journal article – Annual report year: 2007

Electrokinetic removal of Ca(NO3)2 from bricks to avoid salt induced decay
Research output: Research - peer-review › Conference article – Annual report year: 2007

Ferric flocks to remove Zn and Cu from dockyard wastewater (vol 3, pg 164, 2006)
Research output: Research - peer-review › Journal article – Annual report year: 2007

Modeling of electrodialytic and dialytic removal of Cr, Cu and As from CCA-treated wood chips
Research output: Research - peer-review › Journal article – Annual report year: 2007

Organic acid enhanced electrodialytic extraction of lead from contaminated soil fines in suspension
Research output: Research - peer-review › Journal article – Annual report year: 2007

Preservation of murals on salt loaded masonry vaults by electromigration
Research output: Research - peer-review › Article in proceedings – Annual report year: 2007

Salt-related problems in brick masonry and electrokinetic removal of salts
Research output: Research - peer-review › Journal article – Annual report year: 2007

Screening the possibility for removing cadmium and other heavy metals from wastewater sludge and bio-ashes by an electrodialytic method
Research output: Research - peer-review › Journal article – Annual report year: 2007

Straw ash - Electrodialytic removal of Cd in pilot scale
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2007

The effect of soil type on the electrodialytic remediation of lead-contaminated soil
Research output: Research - peer-review › Journal article – Annual report year: 2007

Utilization of electromigration in civil and environmental engineering
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2007

Application of Microbial Products to Promote Electrodialytic Remediation of Heavy Metal Contaminated Soil
Research output: Research › Ph.D. thesis – Annual report year: 2006
Comparison of electrodialytic removal of Cu from spiked kaolinite, spiked soil and industrially polluted soil

Drying brick masonry by electro-osmosis

Electrochemical Chloride extraction using external electrodes?

Electrodialytic extraction of Cu, Pb and Cl from municipal solid waste incineration fly ash suspended in water

Electrodialytic remediation of CCA-treated waste wood in a 2 m³ pilot plant

Electrodialytic remediation of CCA-treated wood and residues from thermal treatment

Electrodialytic remediation of copper mine tailings: Comparing different operational conditions

Electrodialytic Remediation of Municipal Solid Waste Incineration Fly Ash from Nuuk Incineration Plant

Electrodialytic Removal of Cadmium and other heavy metals from wastewater sludge and bio-ashes

Electrodialytic removal of Cd and Cu from sediment from Sisimiut Harbour

Electrokinetic removal of salt from brick masonry

Elemental analysis of ash residue from combustion of CCA treated wood waste before and after electrodialytic extraction

Elettro risanamento di suoli contaminati da metalli pesanti

Formation of ferric flocks for the removal of Zn and Cu from dockyard wastewater

Heavy Metal and TBT Contamination in the sediment around Sisimiut, Greenland

Heavy metal pollution in sediment from Sisimiut, Greenland. Adsorption to organic matter and fine particles
Kinetics of electrodialytic extraction of Pb and soil cations from a slurry of contaminated soil fines
Research output: Research - peer-review › Journal article – Annual report year: 2006

Remediation of the residual sludge from soil washing
Research output: Research - peer-review › Article in proceedings – Annual report year: 2006

Speciation of Pb in industrially polluted soils
Research output: Research - peer-review › Journal article – Annual report year: 2006

The Greenlandic Environment: Pollution and Solutions
Research output: Research - peer-review › Book – Annual report year: 2006

The use of desorbing agents in electrodialytic remediation of harbour sediment
Research output: Research - peer-review › Journal article – Annual report year: 2006

Acidification of Harbour sediment and removal of heavy metals induced by water splitting in electrodialytic remediation.
Research output: Research - peer-review › Journal article – Annual report year: 2005

Biosorption of Arsenic by Lessonia nigrescens in wastewater from copper smelting
Research output: Research › Article in proceedings – Annual report year: 2004

Case study on the strategy and application of enhancement solutions to improve remediation of soils contaminated with Cu, Pb and Zn by means of electrodialysis
Research output: Research - peer-review › Journal article – Annual report year: 2005

Characterization of residues from thermal treatment of treated wood and extraction of Cu, Cr, As and Zn
Research output: Research - peer-review › Journal article – Annual report year: 2005

Determination of the distribution of copper and chromium in partly remediated CCA-treated pine wood using SEM and EDX analyses
Research output: Research - peer-review › Journal article – Annual report year: 2005

Effect of Major Constituents of MSW Fly Ash During Electrodialytic Remediation of Heavy Metals
Research output: Research - peer-review › Journal article – Annual report year: 2005

Electrodialytic remediation of CCA treated waste wood in pilot scale
Research output: Research - peer-review › Journal article – Annual report year: 2004

Electrodialytic remediation of copper mine tailings
Research output: Research - peer-review › Journal article – Annual report year: 2005

Electrodialytic remediation of heavy metal polluted soil
Research output: Research - peer-review › Book chapter – Annual report year: 2005

Electrodialytic remediation of soil fines (<63my) in suspension
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2005

Electrodialytic removal of cadmium from biomass combustion fly ashes in larger scale
Research output: Research › Poster – Annual report year: 2005

Electrodialytic removal of cadmium from biomass combustion fly ash in larger scale
Research output: Research - peer-review › Article in proceedings – Annual report year: 2005
Electrodialytic Removal of Cu, Cr and As from Treated Wood
Research output: Research - peer-review › Book chapter – Annual report year: 2005

Electrodialytic removal of Cu, Zn, Pb, and Cd from harbor sediment: Influence of changing experimental conditions
Research output: Research - peer-review › Journal article – Annual report year: 2005

Electrodialytic removal of heavy metals from municipal solid waste incineration fly ash using ammonium citrate as assisting agent
Research output: Research - peer-review › Journal article – Annual report year: 2005

Electrodialytic removal of Cd from wastewater sludge and bio-ashes
Research output: Research › Paper – Annual report year: 2005

Electro-remediation of heavy-metal contaminated soil
Research output: Research - peer-review › Book chapter – Annual report year: 2005

Elektrokemisk fjernelse af cadmium fra bioasker: og vurdering af mulighederne for nyttiggørelse af den rensede aske i beton
Research output: Research › Poster – Annual report year: 2005

Green North Sea Docks
Research output: Research › Paper – Annual report year: 2005

Heavy Metal and TBT Contamination in the Sediment of Sisimiut Harbour, Greenland
Research output: Research - peer-review › Article in proceedings – Annual report year: 2005

Organic acid extraction of Pb from the fine fraction of industrially polluted soil
Research output: Research - peer-review › Article in proceedings – Annual report year: 2005

Regressional modeling of electrodialytic removal of Cu, Cr and As from CCA treated timber waste: Application to sawdust
Research output: Research - peer-review › Journal article – Annual report year: 2005

Regressional modelling of electrodialytic removal of Cu, Cr and As from CCA treated timber waste: Application to wood chips
Research output: Research - peer-review › Journal article – Annual report year: 2005

Removal of selected heavy metals from MSW fly ash by the electrodialytic process
Research output: Research - peer-review › Journal article – Annual report year: 2005

Salt Induced Decay of Masonry and Electrokinetic Repair
Research output: Research › Poster – Annual report year: 2005

Sampling and analytical strategies for monitoring electrodialytic remediation of fly ash from municipal solid waste incinerators
Research output: Research › Article in proceedings – Annual report year: 2005

Speciation and leachability of copper in mine tailings from porphyry copper mining: Influence of particle size
Research output: Research - peer-review › Journal article – Annual report year: 2005

Test of experimental set-ups for electrodialytic removal of Cu, Zn, Pb and Cd from different contaminated harbour sediments
Electrodialytic remediation of CCA-treated waste wood
Research output: Research › Ph.D. thesis – Annual report year: 2004

Characterization of residues from thermal treatment of CCA impregnated wood: Chemical and electrochemical extraction
Research output: Research - peer-review › Article in proceedings – Annual report year: 2004

Effect of different extracting solutions on the electrodialytic remediation of CCA-treated wood waste Part I. - Behaviour of Cu and Cr
Research output: Research - peer-review › Journal article – Annual report year: 2004

Electrodialytic removal of cadmium from straw combustion fly ash
Research output: Research - peer-review › Journal article – Annual report year: 2004

Electrodialytic removal of cadmium from wastewater sludge
Research output: Research - peer-review › Journal article – Annual report year: 2004

Electrodialytic removal of Cd from biomass combustion fly ash: A new approach for sustainable re-cycling of bio ashes
Research output: Research - peer-review › Article in proceedings – Annual report year: 2004

Electroremediation of copper mine tailings
Research output: Research › Article in proceedings – Annual report year: 2004

Elektrokemisk fjernelse af cadmium fra bioasker: Rapport BYG.DTU R-101
Research output: Research - peer-review › Report – Annual report year: 2004

Handling of impregnated waste wood and characterization of ash residues after combustion of the wood
Research output: Research › Article in proceedings – Annual report year: 2004

Treatment of MSW fly ashes using the electrodialytic remediation technique
Research output: Research › Article in proceedings – Annual report year: 2004

Electrochemical Remediation of CCA Impregnate Timber Waste in a Small Pilot Plant
Research output: Research › Article in proceedings – Annual report year: 2003

Electrodialytic remediation of lead-polluted soil
Research output: Research › Article in proceedings – Annual report year: 2003

Electrodialytic removal of heavy metals from different fly ashes. Influence of heavy metal speciation in the ashes
Research output: Research - peer-review › Journal article – Annual report year: 2003

Electrodialytic Removal of Heavy Metals from Different Solid Waste Products
Research output: Research - peer-review › Journal article – Annual report year: 2003

Electroosmotic dewatering of chalk sludge, iron hydroxide sludge, wet fly ash and biomass sludge
Research output: Research - peer-review › Journal article – Annual report year: 2003

Enhancement of electrodialytic soil remediation through biosorption
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2003
Heavy metals in MSW incineration fly ashes
Research output: Research - peer-review › Journal article – Annual report year: 2003

Possible applications for Municipal Solid Waste Fly-ash
Research output: Research - peer-review › Journal article – Annual report year: 2003

Removal of Arsenic from Toxic Ash after Combustion of Impregnate Wood
Research output: Research - peer-review › Journal article – Annual report year: 2003

The use of sequential extraction to evaluate the remediation potential of heavy metals frp, contaminated harbour sediment
Research output: Research - peer-review › Journal article – Annual report year: 2003

A comparative study on Cu, Cr and As removal from CCA-treated wood waste by dialytic and electrodialytic processes
Research output: Research - peer-review › Journal article – Annual report year: 2002

Effects from different types of construction refuse in the soil on electrodialytic remediation
Research output: Research - peer-review › Journal article – Annual report year: 2002

Electrodialytic removal of heavy metals from fly ashes
Research output: Research › Ph.D. thesis – Annual report year: 2002

Electrodialytic remediation of heavy metal polluted soil: When is it optimal to use an electric current as cleaning agent?
Research output: Research › Article in proceedings – Annual report year: 2000

Electrodialytic Removal of Cu, Cr and As from CCA Treated Timber Waste
Research output: Research - peer-review › Journal article – Annual report year: 2000

Electrodialytic remediation of soil polluted with heavy metals: Key Parameters for Optimization of the Process
Research output: Research - peer-review › Conference article – Annual report year: 1999

Electrical Resistance and Transport Numbers of Ion-Exchange Membranes Used in Electrodialytic Soil Remediation
Research output: Research - peer-review › Journal article – Annual report year: 1999

Electrodialytic remediation of a Cu and As polluted soil
Research output: Research - peer-review › Article in proceedings – Annual report year: 1999

Electrodialytic Remediation of Different Cu-Polluted Soils
Research output: Research - peer-review › Article in proceedings – Annual report year: 1999

Electrodialytic remediation of soil polluted with heavy metals: Key parameters for optimization of the process
Research output: Research - peer-review › Article in proceedings – Annual report year: 1999

Electrodialytic Removal of cadmium from Straw Ash
Research output: Research - peer-review › Article in proceedings – Annual report year: 1999

Electrodialytic Removal of Cadmium from Straw Ash
Research output: Research - peer-review › Journal article – Annual report year: 1999

Electrodialytic soil remediation: Principle, changes in the soil system, and optimising the remediation process
Research output: Research - peer-review › Article in proceedings – Annual report year: 1999
Electrokinetic Soil Remediation Network
Research output: Research - peer-review › Book chapter – Annual report year: 1999

Elektrokinetisk rensning af aske: Fase 1. Resultater af rensningsforsøg med halmaske og træaske og vurdering af metodens egnethed
Research output: Research - peer-review › Report – Annual report year: 1999

Influence of a Stone and a Screw in the Soil on Electrodialytic Remediation
Research output: Research - peer-review › Article in proceedings – Annual report year: 1999

Oxalic acid as an assisting agent for the electrodialytic remediation of chromated copper arsenate treated timber waste
Research output: Research - peer-review › Article in proceedings – Annual report year: 1999

Treatment of aqueous solutions from electrodialytic soil remediation: Electrodeposition of copper
Research output: Research - peer-review › Article in proceedings – Annual report year: 1999

Electrodialytic Soil Remediation. Improved conditions and acceleration of the process by addition of desorbing agents to the soil
Research output: Research - peer-review › Book chapter – Annual report year: 1998

Elektrodialytisk rensning af tungmetalforurennet jord i større skala
Research output: Research › Article in proceedings – Annual report year: 1998

Electrochemical analysis of ion-exchange membranes with respect to a possible use in electrodialytic decontamination of soil polluted with heavy metals
Research output: Research - peer-review › Journal article – Annual report year: 1997

Electrodialytic Remediation of Heavy Metal Polluted Soil. An Innovative Technique
Research output: Research - peer-review › Article in proceedings – Annual report year: 1997

Electrodialytic Remediation of Soil Polluted with Copper from Wood Preservation
Research output: Research - peer-review › Journal article – Annual report year: 1997

Electrodialytic Remediation of Soils Polluted with Cu, Cr, Hg, Pb and Zn
Research output: Research - peer-review › Journal article – Annual report year: 1997

Electrodialytic soil remediation: A derivative from electrokinetic soil remediation
Research output: Research › Article in proceedings – Annual report year: 1997

Electrodialytic Soil Remediation: Improved Conditions and Acceleration of the Process by Addition of Desorbing Agents to the Soil
Research output: Research - peer-review › Article in proceedings – Annual report year: 1997

Electrodialytic Soil Remediation - Parameter Evaluation
Research output: Research › Article in proceedings – Annual report year: 1997

Electrokinetic Processes in Soils: Changes in the Soil System
Research output: Research - peer-review › Article in proceedings – Annual report year: 1997

Electrokinetic Processes in Soils: Changes in the Soil System
Research output: Research - peer-review › Article in proceedings – Annual report year: 1997
Ion exchange membranes in electrokinetic soil remediation
Research output: Research › Article in proceedings – Annual report year: 1997

Electrodialytic decontamination of heavy metal polluted soil: An innovative technique
Research output: Research - peer-review › Article in proceedings – Annual report year: 1996

Electrodialytic remediation of solid waste
Research output: Research › Article in proceedings – Annual report year: 1996

Elektrokinetisk Rensning af Tungmetalforurennet Jord
Research output: Research › Article in proceedings – Annual report year: 1996

Projects:

Optimised constructions using semi-automated designing and manufacturing tools for minimum resource consumption
Project: PhD

Utilization of Wood Ash in Mortar and Concrete
Project: PhD

Anvendelse af bakteriers ekstracellulære polymerer ved elektrodialytisk rensning af tungmetalforurennet jord
Project: PhD

Alternative Asker i Beton - Ny Æstetisk og Byggeteknisk Performance
Project: PhD

Electrochemical Zone for Degradation of Chlorinated Solvents In Aquifers
Project: PhD

Circular Ocean
Project: PhD

Self cleaning paint: Introduction of Photocatalytic Particles into a Paint System
Project: PhD

Elektrodialytisk rensning af forskellige tungmetalforureneede affaldstyper
Project: PhD

Elektrodialytisk fjernelse af tungmetaller fra flyveske
Project: PhD

Cryoporometry characterisation
Project: PhD

Elektrokemisk sanering af kalkmalerier
Project: PhD

Elektrodialytisk fjernelse af tungmetaller fra havneslam
Project: PhD
Coupled flow and matrix changes during electrokinetic treatment of porous and particulate materials  
Project: PhD

Chemical and Numerical Modeling of Electrokinetics in In-Homogenous Matrices  
Project: PhD

Reuse of resources and materials in the Greenlandic construction industry  
Project: PhD

Nanotechnology for Civil Engineering Structures: Resistance to Reinforcement Corrosion in Concrete Structures  
Project: PhD

Management of Reinforcement Corrosion  
Project: PhD

Electrochemical upgrading of different fly ashes for use in production of bricks and lightweight aggregates  
Project: PhD

Upgrading and recovery of fertilizer value of ash from PYRONEER gasification of low-value an difficult biomass feedstock  
Project: PhD

Flow of electric current through interphase between metal and pore solution  
Project: PhD

Oprensningsmuligheder i forskellige sedimenttyper med den elektrokinetiske jordrensningsmetode  
Project: PhD

Improving phosphorus recovery by supplementing existing Danish wastewater treatment using electrodialysis.  
Project: Research

Removal of Cadmium from Straw and Wood Combustion Flyashes  
Project: Research

Elektrodialytisk opgradering af røggasaffald fra farligt affald til sekundær ressource  
Project: Research

Elektrodialytisk opgradering af grønlandske flyveasker fra farligt affald til sekundære ressourcer  
Project: Research

Electrodialytic remediation of soil polluted with heavy metals  
Project: Research

Electroosmotic dewatering of fine grained material  
Project: Research

Development of the Electrodialytic method for remediation of wood preservation sites  
Project: Research

Electrochemical removal of CCA from impregnated wood waste  
Project: Research
PSO F&U 3206: Elektrokemisk fjernelse af cadmium fra bioasker
Project: Research

Udvikling af ny teknik til fosfor-indvinding fra aske fra forbrænding af spildevandsslamm
Project: Research

Oprensning af bundsediment fra forureneede sør og damme
Project: Research

Elektrokemisk fjernelse af Cd fra bioasker i pilotskala og vurdering af mulighederne for nyttiggørelse af behandlet aske i beton
Project: Research

Elektrokinetisk accelereret indtrængning af bor ved overfladeimprægnering af træ
Project: Research

Remediation of industrially contaminated sediments and soils with mixed contaminations in the Arctic
Project: Research

Klimaforandringer og Innovation i Byggeriet - region Sjælland
Project: Research

Prizes:

Annual DTU Award for developing Teaching and Learning
Prize: Prizes, scholarships, distinctions