Research outputs:

- **Deriving Environmental Life Cycle Inventory Factors for Land Application of Garden Waste Products Under Northern European Conditions**
  Research output: Research - peer-review › Journal article – Annual report year: 2019

- **Life cycle assessment of garden waste management options including long-term emissions after land application**
  Research output: Research - peer-review › Journal article – Annual report year: 2019

- **Bioethanol from corn stover – a review and technical assessment of alternative biotechnologies**
  Research output: Research - peer-review › Review – Annual report year: 2018

- **Combined uncertainty and scenario analysis within Life Cycle Assessment of waste management systems**
  Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2018

- **Life Cycle Assessment of biorefineries: how robust are the results?**
  Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2018

- **Life cycle assessment of sewage sludge management options including long-term impacts after land application**
  Research output: Research - peer-review › Journal article – Annual report year: 2018

- **Waste management in the Irkutsk region, Siberia, Russia: An environmental assessment of alternative development scenarios**
  Research output: Research - peer-review › Journal article – Annual report year: 2018

- **Decision making within waste management: combined uncertainty and scenario analysis for the life cycle assessment of a danish case study**
  Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2018

- **Environmental impacts and resource losses of incinerating misplaced household special wastes (WEEE, batteries, ink cartridges and cables)**
  Research output: Research - peer-review › Journal article – Annual report year: 2017

- **Environmental performance of household waste management in Europe - an example of 7 countries**
  Research output: Research - peer-review › Journal article – Annual report year: 2017

- **Erratum to: A global approach for sparse representation of uncertainty in Life Cycle Assessments of waste management systems**
  Research output: Research - peer-review › Comment/debate – Annual report year: 2017
Future scenario analysis within waste management and life cycle assessment of waste management solutions
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2018

Importance of waste composition for Life Cycle Assessment of waste management solutions
Research output: Research - peer-review › Journal article – Annual report year: 2017

A global approach for sparse representation of uncertainty in Life Cycle Assessments of waste management systems
Research output: Research - peer-review › Journal article – Annual report year: 2016

Estimation of long-term environmental inventory factors associated with land application of sewage sludge
Research output: Research - peer-review › Journal article – Annual report year: 2016

Life cycle assessment of capital goods in waste management systems
Research output: Research - peer-review › Journal article – Annual report year: 2016

Long-Term Emission Factors for Land Application of Treated Organic Municipal Waste
Research output: Research - peer-review › Journal article – Annual report year: 2015

Videnskabelig udredning af international viden om skifergas relateret til en dansk kontekst: DTU, GEUS, DCE
Research output: Commissioned › Report – Annual report year: 2016

A comprehensive substance flow analysis of a municipal wastewater and sludge treatment plant
Research output: Research - peer-review › Journal article – Annual report year: 2015

Assessing the importance of machinery, buildings and infrastructure in LCA of waste management systems
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015

Construction and demolition waste: Comparison of standard up-flow column and down-flow lysimeter leaching tests
Research output: Research - peer-review › Journal article – Annual report year: 2015

Effects of sewage sludge stabilization on fertilizer value and greenhouse gas emissions after soil application
Research output: Research - peer-review › Journal article – Annual report year: 2015

Environmental Impacts Assessment of Recycling of Construction and Demolition Waste
Research output: Research › Ph.D. thesis – Annual report year: 2015

Life cycle assessment of construction and demolition waste management
Research output: Research - peer-review › Journal article – Annual report year: 2016

Life-cycle Models of Solid Waste Management: Defining the state-of-the-art for Collection, Material recovery, Combustion, biological Treatment, and Landfilling
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2015

Quantifying capital goods for biological treatment of organic waste
Research output: Research - peer-review › Journal article – Annual report year: 2015

Quantifying uncertainty in sustainability assessments: from feedstock to end-of-life
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015
Recent LCA Developments In Waste Management
Research output: Research - peer-review › Article in proceedings – Annual report year: 2015

Soil retention of hexavalent chromium released from construction and demolition waste in a road-base-application scenario
Research output: Research - peer-review › Journal article – Annual report year: 2015

Understanding uncertainty propagation in life cycle assessments of waste management systems
Research output: Research - peer-review › Article in proceedings – Annual report year: 2015

Waste to energy the carbon perspective
Research output: Research - peer-review › Journal article – Annual report year: 2015

An environmental assessment system for environmental technologies
Research output: Research - peer-review › Journal article – Annual report year: 2014

Composition and leaching of construction and demolition waste: Inorganic elements and organic compounds
Research output: Research - peer-review › Journal article – Annual report year: 2014

EASETECH – A LCA model for assessment of environmental technologies
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2014

Environmental benefits of compost use on land through LCA – a review of the current gaps
Research output: Research - peer-review › Article in proceedings – Annual report year: 2015

Environmental evaluation of plastic waste management scenarios
Research output: Research - peer-review › Journal article – Annual report year: 2014

Evaluation of life cycle inventory data for recycling systems
Research output: Research - peer-review › Journal article – Annual report year: 2014

Influence of data collection schemes on the Life Cycle Assessment of a municipal wastewater treatment plant.
Research output: Research - peer-review › Journal article – Annual report year: 2014

LCA – Life-Cycle-Assessment Modeling has come to stay in waste management but does it also play a role in Hazardous and special waste management?
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2014

Life cycle assessment of sewage sludge treatment and its use on land
Research output: Research › Ph.D. thesis – Annual report year: 2014

Life cycle assessment of the management of special waste types: WEEE and batteries
Research output: Research › Ph.D. thesis – Annual report year: 2014

Review of LCA studies of solid waste management systems – Part II: Methodological guidance for a better practice
Research output: Research - peer-review › Journal article – Annual report year: 2014

Review of LCA studies of solid waste management systems – Part I: Lessons learned and perspectives
Research output: Research - peer-review › Journal article – Annual report year: 2014

The Biogeochemistry of Contaminant Groundwater Plumes Arising from Waste Disposal Facilities
Research output: Research - peer-review › Book chapter – Annual report year: 2014
Waste management in the Irkutsk Region, Siberia, Russia: Environmental assessment of current practice focusing on landfilling
Research output: Research - peer-review › Journal article – Annual report year: 2014

A critical review of life cycle assessment applied to solid waste management systems
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2013

Assessing the Environmental Benefits of Compost Use-on-Land through an LCA Perspective
Research output: Research - peer-review › Book chapter – Annual report year: 2013

Compost benefits for agriculture evaluated by life cycle assessment. A review
Research output: Research - peer-review › Journal article – Annual report year: 2013

EASETECH - A Dedicated Waste Management LCA-Model
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2013

Environmental assessment of waste management in Greenland: current practice and potential future developments
Research output: Research - peer-review › Journal article – Annual report year: 2013

Environmental impact assessment of leachate recirculation in landfill of municipal solid waste by comparing with evaporation and discharge (EASEWASTE)
Research output: Research - peer-review › Journal article – Annual report year: 2013

Life cycle assessment of sewage sludge management: A review
Research output: Research - peer-review › Journal article – Annual report year: 2013

Modelling sensitivity and uncertainty in a LCA model for waste management systems - EASETECH
Research output: Research - peer-review › Article in proceedings – Annual report year: 2013

Modelling uncertainties in a LCA model for waste management systems - EASETECH
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2013

Quantifying capital goods for waste incineration
Research output: Research - peer-review › Journal article – Annual report year: 2013

Quantifying capital goods for waste landfilling
Research output: Research - peer-review › Journal article – Annual report year: 2013

Stochastic and epistemic uncertainty propagation in LCA
Research output: Research - peer-review › Journal article – Annual report year: 2013

WEEE and portable batteries in residual household waste: Quantification and characterisation of misplaced waste
Research output: Research - peer-review › Journal article – Annual report year: 2013

A comparison of uncertainty propagation methods in an LCA study
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2012

A new modeling framework for environmental assessment of waste and energy systems
Research output: Research - peer-review › Poster – Annual report year: 2013
Assessing recycling versus incineration of key materials in municipal waste: The importance of efficient energy recovery and transport distances
Research output: Research - peer-review › Journal article – Annual report year: 2012

Assessment of leaching from Construction & Demolition Waste concrete
Research output: Research - peer-review › Article in proceedings – Annual report year: 2012

Bulky waste quantities and treatment methods in Denmark
Research output: Research - peer-review › Journal article – Annual report year: 2012

Development of substance flow based Life Cycle Assessment tool for sewage sludge treatment and disposal
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2012

Research output: Research - peer-review › Paper – Annual report year: 2012

Environmental impact assessment of the incineration of municipal solid waste with auxiliary coal in China
Research output: Research - peer-review › Journal article – Annual report year: 2012

Home composting as an alternative treatment option for organic household waste in Denmark: An environmental assessment using life cycle assessment-modelling
Research output: Research - peer-review › Journal article – Annual report year: 2012

Leaching of heavy metals from construction & demolition waste
Research output: Research - peer-review › Article in proceedings – Annual report year: 2012

Livscyklusvurdering og samfundsøkonomisk vurdering af forskellige alternative for håndtering og behandling af gipsaffald
Research output: Research - peer-review › Report – Annual report year: 2012

Metal recovery from high-grade WEEE: A life cycle assessment
Research output: Research - peer-review › Journal article – Annual report year: 2011

Quantifying capital goods for collection and transport of waste
Research output: Research - peer-review › Journal article – Annual report year: 2012

Quantifying uncertainty in LCA-modelling of waste management systems
Research output: Research - peer-review › Journal article – Annual report year: 2012

SEWAS (Sustainable European Waste Systems) Life cycle assessment of prospective integrated waste management schemes
Research output: Research - peer-review › Article in proceedings – Annual report year: 2012

Solid waste characterization in Kétao, a rural town in Togo, West Africa
Research output: Research - peer-review › Journal article – Annual report year: 2012

Sustainable European Waste Systems “SEWAS”: Life cycle assessment of prospective integrated waste management schemes
Research output: Research › Report – Annual report year: 2012

Achievement: Professor, Dr.Ing., Dr.Habil Bernd Bilitewski Sixty-fifth birthday and retirement
Research output: Research - peer-review › Journal article – Annual report year: 2011
Anaerobic Digestion: Mass Balances and Products
Research output: Research - peer-review › Book chapter – Annual report year: 2011

Characterization of household waste in Greenland
Research output: Research - peer-review › Journal article – Annual report year: 2011

Commercial and Institutional Waste
Research output: Research - peer-review › Book chapter – Annual report year: 2011

Composting: Mass Balances and Product Quality
Research output: Research - peer-review › Book chapter – Annual report year: 2011

Construction and Demolition Waste
Research output: Research - peer-review › Book chapter – Annual report year: 2011

Environmental Aspects Of Home Composting Of Organic Household Waste
Research output: Research - peer-review › Article in proceedings – Annual report year: 2011

Environmental assessment of different management options for individual waste fractions by means of life-cycle assessment modelling
Research output: Research - peer-review › Journal article – Annual report year: 2011

Environmental assessment of garden waste management in the Municipality of Aarhus, Denmark
Research output: Research - peer-review › Journal article – Annual report year: 2011

Environmental evaluation of municipal waste prevention
Research output: Research - peer-review › Journal article – Annual report year: 2011

Environmental impact assessment of solid waste management in Beijing City, China
Research output: Research - peer-review › Journal article – Annual report year: 2011

Incineration: Utilization of Residue in Construction
Research output: Research - peer-review › Book chapter – Annual report year: 2011

Industrial Waste
Research output: Research - peer-review › Book chapter – Annual report year: 2011

Introduction to Waste Economics
Research output: Research - peer-review › Book chapter – Annual report year: 2011

Introduction to Waste Engineering
Research output: Research - peer-review › Book chapter – Annual report year: 2011

Introduction to Waste Management
Research output: Research - peer-review › Book chapter – Annual report year: 2011

Landfilling: Bottom Lining and Leachate Collection
Research output: Research - peer-review › Book chapter – Annual report year: 2011

Landfilling: Concepts and Challenges
Research output: Research - peer-review › Book chapter – Annual report year: 2011
Landfilling: Environmental Issues
Research output: Research - peer-review › Book chapter – Annual report year: 2011

Landfilling: Reactor Landfills
Research output: Research - peer-review › Book chapter – Annual report year: 2011

LCA and economic evaluation of landfill leachate and gas technologies
Research output: Research - peer-review › Journal article – Annual report year: 2011

LCA Modeling of Waste Management Scenarios
Research output: Research - peer-review › Book chapter – Annual report year: 2011

LCA of Recycling Options for Gypsum from Construction and Demolition Waste
Research output: Research - peer-review › Article in proceedings – Annual report year: 2011

Life cycle assessment of capital goods related to waste incineration
Research output: Research - peer-review › Article in proceedings – Annual report year: 2011

Life cycle assessment of selective non-catalytic reduction (SNCR) of nitrous oxides in a full-scale municipal solid waste incinerator
Research output: Research - peer-review › Journal article – Annual report year: 2011

Mass balances and life cycle inventory of home composting of organic waste
Research output: Research - peer-review › Journal article – Annual report year: 2011

Mechanical Biological Treatment
Research output: Research - peer-review › Book chapter – Annual report year: 2011

Mechanical Treatment: Material Recovery Facilities
Research output: Research - peer-review › Book chapter – Annual report year: 2011

Modelling of environmental impacts from biological treatment of organic municipal waste in EASEWASTE
Research output: Research - peer-review › Journal article – Annual report year: 2011

Other Special Waste
Research output: Research - peer-review › Book chapter – Annual report year: 2011

Quantification Of Greenhouse Gases From Three Danish Composting Facilties
Research output: Research - peer-review › Article in proceedings – Annual report year: 2011

Recycling of Construction and Demolition Waste
Research output: Research - peer-review › Book chapter – Annual report year: 2011

Recycling of Glass
Research output: Research - peer-review › Book chapter – Annual report year: 2011

Recycling of Metals
Research output: Research - peer-review › Book chapter – Annual report year: 2011
Recycling of Paper and Cardboard
Research output: Research - peer-review › Book chapter – Annual report year: 2011

Recycling of Plastic
Research output: Research - peer-review › Book chapter – Annual report year: 2011

Residential Waste
Research output: Research - peer-review › Book chapter – Annual report year: 2011

Solid Waste Technology and Management
Research output: Research - peer-review › Book – Annual report year: 2011

Source Segregation and Collection of Source-Segregated Waste
Research output: Research - peer-review › Book chapter – Annual report year: 2011

Uncertainties in life cycle assessment of waste management systems
Research output: Research - peer-review › Article in proceedings – Annual report year: 2011

Waste Characterization: Approaches and Methods
Research output: Research - peer-review › Book chapter – Annual report year: 2011

Waste Collection: Systems and Organization
Research output: Research - peer-review › Book chapter – Annual report year: 2011

Waste Electrical and Electronic Equipment
Research output: Research - peer-review › Book chapter – Annual report year: 2011

Waste management in Greenland: current situation and challenges
Research output: Research - peer-review › Journal article – Annual report year: 2011

Waste Transfer Stations
Research output: Research - peer-review › Book chapter – Annual report year: 2011

Implementation of life cycle assessment models in solid waste management
Research output: Research › Ph.D. thesis – Annual report year: 2011

Contribution of individual waste fractions to the environmental impacts from landfilling of municipal solid waste
Research output: Research - peer-review › Journal article – Annual report year: 2010

EASEWASTE - Environmental assessment of solid waste technologies and systems
Research output: Research › Conference abstract in proceedings – Annual report year: 2010

EASEWASTE-life cycle modeling capabilities for waste management technologies
Research output: Research - peer-review › Journal article – Annual report year: 2010

Energy recovery from waste incineration: Assessing the importance of district heating networks
Research output: Research - peer-review › Journal article – Annual report year: 2010

Environmental assessment of low-organic waste landfill scenarios by means of life-cycle assessment modelling (EASEWASTE)
Research output: Research - peer-review › Journal article – Annual report year: 2010
Environmental inventory modelling of the use of compost and peat in growth media preparation
Research output: Research - peer-review | Journal article – Annual report year: 2010

Greenhouse gas emissions from home composting of organic household waste
Research output: Research - peer-review | Journal article – Annual report year: 2010

Life-cycle assessment (EASEWASTE) of two municipal solid waste incineration technologies in China
Research output: Research - peer-review | Journal article – Annual report year: 2010

Life-cycle assessment of the historical development of air pollution control and energy recovery in waste incineration
Research output: Research - peer-review | Journal article – Annual report year: 2010

Mass balances and life-cycle inventory for a garden waste windrow composting plant (Aarhus, Denmark)
Research output: Research - peer-review | Journal article – Annual report year: 2010

Models for waste life cycle assessment: Review of technical assumptions
Research output: Research - peer-review | Journal article – Annual report year: 2010

Quantification of Greenhouse Gas Emissions from Windrow Composting of Garden Waste
Research output: Research - peer-review | Journal article – Annual report year: 2010

Seasonal generation and composition of garden waste in Aarhus (Denmark)
Research output: Research - peer-review | Journal article – Annual report year: 2010

Substitution of peat, fertiliser and manure by compost in hobby gardening: User surveys and case studies
Research output: Research - peer-review | Journal article – Annual report year: 2010

Waste collection systems for recyclables: An environmental and economic assessment for the municipality of Aarhus (Denmark)
Research output: Research - peer-review | Journal article – Annual report year: 2010

Anaerobic digestion and digestate use: accounting of greenhouse gases and global warming contribution
Research output: Research - peer-review | Journal article – Annual report year: 2009

C balance, carbon dioxide emissions and global warming potentials in LCA-modeling of waste management systems
Research output: Research - peer-review | Journal article – Annual report year: 2009

Chemical composition of material fractions in Danish household waste
Research output: Research - peer-review | Journal article – Annual report year: 2009

Collection, transfer and transport of waste: accounting of greenhouse gases and global warming contribution
Research output: Research - peer-review | Journal article – Annual report year: 2009

Composting and compost utilization: accounting of greenhouse gases and global warming contributions
Research output: Research - peer-review | Journal article – Annual report year: 2009
Diesel consumption in waste collection and transport and its environmental significance
Research output: Research - peer-review › Journal article – Annual report year: 2009

Environmental assessment of Ammassuo Landfill (Finland) by means of LCA-modelling (EASEWASTE)
Research output: Research - peer-review › Journal article – Annual report year: 2009

Environmental assessment of gas management options at the Old Ämmäsuo landfill (Finland) by means of LCA-modeling (EASEWASTE)
Research output: Research - peer-review › Journal article – Annual report year: 2009

Environmental assessment of gas management options at the Old Ammassuo landfill (Finland) by means of LCA-modelling (EASEWASTE) (vol 29, pg 1588, 2009)
Research output: Research - peer-review › Journal article – Annual report year: 2009

Environmental assessment of solid waste landfilling technologies by means of LCA-modeling
Research output: Research - peer-review › Journal article – Annual report year: 2009

Evaluation of field-scale emissions from utilization of MSWI air-pollution-control residues stabilized with FeSO4
Research output: Research › Conference abstract in proceedings – Annual report year: 2009

Global warming factor of municipal solid waste management in Europe
Research output: Research - peer-review › Journal article – Annual report year: 2009

Global warming factors modelled for 40 generic municipal waste management scenarios
Research output: Research - peer-review › Journal article – Annual report year: 2009

Greenhouse gas accounting and waste management
Research output: Research - peer-review › Journal article – Annual report year: 2009

Landfilling of individual waste fractions: Contribution to the environmental impacts in a life cycle perspective
Research output: Research › Article in proceedings – Annual report year: 2009

Landfilling of waste: accounting of greenhouse gases and global warming contributions
Research output: Research - peer-review › Journal article – Annual report year: 2009

Leaching from MSWI bottom ash: Evaluation of non-equilibrium in column percolation experiments
Research output: Research - peer-review › Journal article – Annual report year: 2009

Life-cycle assessment of the municipal solid waste management system in Hangzhou, China (EASEWASTE)
Research output: Research - peer-review › Journal article – Annual report year: 2009

Long-term leaching from MSWI air-pollution-control residues: Leaching characterization and modeling
Research output: Research - peer-review › Journal article – Annual report year: 2009

Methods for quantification of GHG emissions from composting of garden waste
Research output: Research › Article in proceedings – Annual report year: 2009

Recycling of glass: accounting of greenhouse gases and global warming contributions
Research output: Research - peer-review › Journal article – Annual report year: 2009

Recycling of metals: accounting of greenhouse gases and global warming contributions
Research output: Research - peer-review › Journal article – Annual report year: 2009
Projekt 2: Vurdering af fremtidige indsamlingssystemer for husholdningsaffald i Århus Kommune: Miljø, økonomi og service
Research output: Research › Report – Annual report year: 2008

Seasonal variation of garden waste composition of Århus Waste Centre (Denmark)
Research output: Research › Article in proceedings – Annual report year: 2008

Waste management modeling with PC-based model EASEWASTE
Research output: Research - peer-review › Journal article – Annual report year: 2008

Composition of source-sorted municipal organic waste collected in Danish cities
Research output: Research - peer-review › Journal article – Annual report year: 2007

Determination of solute organic concentration in contaminated soils using a chemical-equilibrium soil column system
Research output: Research - peer-review › Journal article – Annual report year: 2007

Effects of pre-treatment technologies on quantity and quality of source-sorted municipal organic waste for biogas recovery
Research output: Research - peer-review › Journal article – Annual report year: 2007

Environmental assessment of garden waste management in the city of Herning (Denmark) by means of LCA-modeling (EASEWASTE)
Research output: Research › Article in proceedings – Annual report year: 2007

Environmental assessment of solid waste landfilling technologies by means of LCA-modeling (EASEWASTE)
Research output: Research › Article in proceedings – Annual report year: 2007

Experience with the use of LCA-modelling (EASEWASTE) in waste management
Research output: Research - peer-review › Journal article – Annual report year: 2007

Household hazardous waste: composition of paint waste
Research output: Research - peer-review › Journal article – Annual report year: 2007

Indirect Determination of Chemical Composition and Fuel Characteristics of Solid Waste: Methodology and Application
Research output: Research › Working paper – Annual report year: 2007

Influence of test conditions on solubility controlled leaching predictions from air-pollution-control residues
Research output: Research - peer-review › Journal article – Annual report year: 2007

LCA af dagrenovationssystemet i syv nordsjællandske kommuner
Research output: Research › Report – Annual report year: 2007

Leaching of PAHs from hot mix asphalt pavements
Research output: Research - peer-review › Journal article – Annual report year: 2007

Life Cycle Assessment LCA of Waste Management Systems - LCA Oriented Solid Waste Management Model - EASEWASTE
Research output: Research › Conference abstract for conference – Annual report year: 2007

Life cycle assessment of disposal of residues from municipal solid waste incineration: Recycling of bottom ash in road construction or landfilling in Denmark evaluated in the ROAD-RES model
Research output: Research - peer-review › Journal article – Annual report year: 2007
Life-cycle assessment of waste incinerators - the significance of increasing air pollution control on the environmental impact
Research output: Research › Article in proceedings – Annual report year: 2007

Methane yield in source-sorted organic fraction of municipal solid waste
Research output: Research - peer-review › Journal article – Annual report year: 2007

Method for fractional solid-waste sampling and chemical analysis
Research output: Research - peer-review › Journal article – Annual report year: 2007

Miljøvurdering af husholdningsaffald i Herning Kommune: Dagrenovation, storskrald, farligt affald og haveaffald
Research output: Research › Report – Annual report year: 2007

Modelling of environmental impacts of solid waste landfilling within the life-cycle analysis program EASEWASTE
Research output: Research › Article in proceedings – Annual report year: 2007

Prediction of leaching from air pollution control residues
Research output: Research › Article in proceedings – Annual report year: 2007

Second generation methodology for chemical characterization of solid waste fractions
Research output: Research › Article in proceedings – Annual report year: 2007

The dissolution kinetics of major elements in municipal solid waste incineration bottom ash particles
Research output: Research - peer-review › Journal article – Annual report year: 2007

Experimental and numerical investigations of pneumatic venting in unsaturated soils
Research output: Research › Ph.D. thesis – Annual report year: 2006

Integration of Environmental Life Cycle Information Into Cad-Systems for Support of Design for Environment
Research output: Research › Ph.D. thesis – Annual report year: 2006

Application of processed organic municipal solid waste on agricultural land: a scenario analysis
Research output: Research - peer-review › Journal article – Annual report year: 2006

Assessment of long-term leaching from waste incineration air-pollution-control residues
Research output: Research - peer-review › Journal article – Annual report year: 2006

Assessment of long-term pH developments in leachate from waste incineration residues
Research output: Research - peer-review › Journal article – Annual report year: 2006

Environmental assessment of roads constructed with and without bottom ash from municipal solid waste incineration
Research output: Research - peer-review › Journal article – Annual report year: 2006

Environmental assessment of solid waste systems and technologies: EASEWASTE
Research output: Research - peer-review › Journal article – Annual report year: 2006

Environmental modelling of use of treated organic waste on agricultural land: a comparison of existing models for life cycle assessment of waste systems
Research output: Research - peer-review › Journal article – Annual report year: 2006
Evaluation of environmental impacts from municipal solid waste management in the municipality of Aarhus, Denmark (EASEWASTE)
Research output: Research - peer-review › Journal article – Annual report year: 2006

Experiences on the use of LCA-modeling (EASEWASTE) in waste management
Research output: Research › Article in proceedings – Annual report year: 2006

Geochemical modeling of leaching from MSVI air-pollution-control residues
Research output: Research - peer-review › Journal article – Annual report year: 2006

Indledende miljømæssig vurdering af disponeringen af træaffald i Danmark
Research output: Research › Report – Annual report year: 2006

Influence of conventional landfilling elements on environmental impact potentials assessed by an LCA-model (EASEWASTE)
Research output: Research › Conference abstract in proceedings – Annual report year: 2006

Life cycle assessment of residue use in road construction (ROAD-RES)
Research output: Research › Article in proceedings – Annual report year: 2006

Life cycle modelling of environmental impacts from application of processed organic municipal solid waste on agricultural land (EASEWASTE)
Research output: Research - peer-review › Journal article – Annual report year: 2006

Måling af tungmetaller i dansk dagrenovation og småt brændbart
Research output: Research › Report – Annual report year: 2006

Methane production during storage of anaerobically digested municipal organic waste
Research output: Research - peer-review › Journal article – Annual report year: 2006

Removal of readily soluble compounds prior to pH-static leaching experiments: effect of leaching predictions
Research output: Research › Article in proceedings – Annual report year: 2006

Life cycle assessment model for road construction and use of residues from waste incineration
Research output: Research › Ph.D. thesis – Annual report year: 2005

Quantification of environmental effects from anaerobic treatment of source-sorted organic household waste
Research output: Research › Ph.D. thesis – Annual report year: 2005

Modelling of life cycle assessment of solid waste management systems and technologies
Research output: Research › Ph.D. thesis – Annual report year: 2005

Characterization of solid waste by direct and indirect analysis
Research output: Research › Article in proceedings – Annual report year: 2005

Chromium release from waste incineration air-pollution-control residues
Research output: Research - peer-review › Journal article – Annual report year: 2005

Heavy metal content of combustible municipal solid waste in Denmark
Research output: Research - peer-review › Journal article – Annual report year: 2005
LCA-tool for disposal of MSWI residues: Recycling in road construction and landfilling
Research output: Research › Article in proceedings – Annual report year: 2005

Målervurdering af genanvendelse og slutdisponering af spildevandsslamm: en livscyklus screening af fire scenarier
Research output: Research › Report – Annual report year: 2005

Predicting Cr leaching from MSWI residues
Research output: Research › Article in proceedings – Annual report year: 2005

Waste incineration bottom ashes in Denmark: Status and development needs by 2003
Research output: Research › Report – Annual report year: 2005

Assessment of sampling and chemical analysis of source-separated organic household waste
Research output: Research - peer-review › Journal article – Annual report year: 2004

Characterization of leaching from waste incineration air-pollution-control residues
Research output: Research › Ph.D. thesis – Annual report year: 2004

Environmental assessment of household waste disposal in Kuala Lumpur
Research output: Research › peer-review › Journal article – Annual report year: 2004

Fremtidsens regulering af indsamling og behandling af erhvervsaffald
Research output: Research › peer-review › Book – Annual report year: 2004

Genanvendelse af forbrændingsslagger
Research output: Research › Journal article – Annual report year: 2004

Leaching from solid waste incineration ashes used in cement-treated base layers for pavements
Research output: Research › peer-review › Journal article – Annual report year: 2004

Method for determination of methane potentials of solid organic waste
Research output: Research › peer-review › Journal article – Annual report year: 2004

Miljøvurdering af affaldssystemet for dagrenovation i Århus Kommune
Research output: Research › Report – Annual report year: 2004

Speciation of heavy metals in landfill leachate: a review
Research output: Research › peer-review › Journal article – Annual report year: 2004

Thermal treatment of stabilized air pollution control residues in a waste incinerator pilot plant. Part 1: fate of elements and dioxins
Research output: Research › peer-review › Journal article – Annual report year: 2004

Thermal treatment of stabilized air pollution control residues in a waste incinerator pilot plant. Part 2: leaching characteristics of bottom ashes
Research output: Research › peer-review › Journal article – Annual report year: 2004

Xenobiotic organic compounds in leachates from ten Danish MSW landfills - chemical analysis and toxicity tests
Research output: Research › peer-review › Journal article – Annual report year: 2004

Assessment of long-term leaching of Pb, Cd and Cr from air-pollution-control residues
Research output: Research › Article in proceedings – Annual report year: 2003
Basisdokumentation for biogaspotentialet i organisk dagrenovation
Research output: Research › Report – Annual report year: 2003

Chemical characteristics and methane potentials of source-separated and pre-treated organic municipal solid waste
Research output: Research › peer-review › Journal article – Annual report year: 2003

Correlation of Cadmium Distribution Coefficients to Soil Characteristics
Research output: Research › peer-review › Journal article – Annual report year: 2003

Datarapport om sammensætning og biogaspotentiale i organisk dagrenovation
Research output: Research › Report – Annual report year: 2003

Environmental assessment of source-separation of organic household waste
Research output: Research › Article in proceedings – Annual report year: 2003

Estimating long-term leaching of heavy metals from MSWI APC residues
Research output: Research › Article in proceedings – Annual report year: 2003

Evidence of A1-Cr-interactions affecting Cr-leaching from waste incineration ashes
Research output: Research › peer-review › Journal article – Annual report year: 2003

Factors affecting chromium leaching from waste incineration residues
Research output: Research › Article in proceedings – Annual report year: 2003

In situ biodegradation determined by carbon isotope fractionation of aromatic hydrocarbons in an anaerobic landfill leachate plume (Vejen Denmark)
Research output: Research › peer-review › Journal article – Annual report year: 2003

Leaching from cement-treated base layers containing solid waste incineration bottom and fly ashes
Research output: Research › Article in proceedings – Annual report year: 2003

Leaching of PAH's from soil: Comparison of two conceptually different column tests and a batch tests
Research output: Research › Article in proceedings – Annual report year: 2003

Life cycle assessment of the reuse of waste incineration residues in road construction
Research output: Research › Article in proceedings – Annual report year: 2003

Metanemission fra lagring af bioforgasset organisk dagrenovation
Research output: Research › Report – Annual report year: 2003

Næsten samme miljøevinst ved bioforgasning og forbrænding af affald
Research output: Communication › Journal article – Annual report year: 2003

Natural attenuation of xenobiotic organic compounds in a landfill leachate plume (Vejen, Denmark)
Research output: Research › peer-review › Journal article – Annual report year: 2003

Numerous pesticides found in leachates from engineered Danish landfills
Research output: Research › Conference abstract in proceedings – Annual report year: 2003
On-site treatment and landfilling of MSWI air pollution control residues
Research output: Research - peer-review › Journal article – Annual report year: 2003

Redox properties of Cr under alkaline conditions and their effect on Cr leaching control from waste incineration ashes
Research output: Research › Article in proceedings – Annual report year: 2003

Re-use of stabilised flue gas ashes from solid waste incineration in cement-treated base layers for pavements
Research output: Research › Journal article – Annual report year: 2003

Samlerapport for projekter om bioforgasning af organisk dagrenovation gennemført 2002-2002
Research output: Research › Report – Annual report year: 2003

Slagge fra affaldsforbrænding. Status og udviklingsmuligheder 2003
Research output: Research › Report – Annual report year: 2003

The groundwater geochemistry of waste disposal facilities
Research output: Research › Book chapter – Annual report year: 2003

The leaching quality of bottom ashes containing co-sintered treated APC-residues
Research output: Research › Article in proceedings – Annual report year: 2003

Viden gemt i forbrændingsanlæggenes grønne regnskaber
Research output: Communication › Journal article – Annual report year: 2003

Attenuation processes in the Vejen Landfill leachate plume - 10 years on
Research output: Research › Article in proceedings – Annual report year: 2002

Effect of complexation on copper mobility in landfill leachate polluted groundwater: A experimentally validated conceptual model for modeling heavy metals transport
Research output: Research › Conference abstract in proceedings – Annual report year: 2003

Research output: Research › Report – Annual report year: 2002

Landfilling of waste incineration residues: Towards new approaches
Research output: Research › Article in proceedings – Annual report year: 2002

Modelling of transport and biogeochemical processes in pollution plumes: Vejen landfill, Denmark
Research output: Research - peer-review › Journal article – Annual report year: 2002

Pilot scale digestion of source-sorted household waste as a tool for evaluation of different pre-sorting and pre-treatment strategies
Research output: Research › Article in proceedings – Annual report year: 2002

Present and long-term composition of MSW landfill leachate: A review
Research output: Research - peer-review › Journal article – Annual report year: 2002

Stabilization of APC residues from waste incineration with ferrous sulfate on a semi-industrial scale
Research output: Research - peer-review › Journal article – Annual report year: 2002
The solubility of rhodochrosite (MnCO₃) and siderite (FeCO₃) in anaerobic aquatic environments
Research output: Research - peer-review › Journal article – Annual report year: 2002

Treatment of waste incinerator air-pollution-control residues with FeSO₄: Concept and product characterization
Research output: Research - peer-review › Journal article – Annual report year: 2002

Treatment of waste incinerator air-pollution-control residues with FeSO₄: Laboratory investigation of design parameters
Research output: Research - peer-review › Journal article – Annual report year: 2002

Waste related emissions scenarios for risk assessment of chemicals. Report to Danish Environmental Protection Agency
Research output: Research › Report – Annual report year: 2002

A simple model for the distribution and fate of organic chemicals in a landfill: MOCLA
Research output: Research - peer-review › Journal article – Annual report year: 2001

Biogeochemistry of landfill leachate plumes
Research output: Research - peer-review › Journal article – Annual report year: 2001

Co-sintering of treated APC-residues with bottom ash
Research output: Research › Article in proceedings – Annual report year: 2001

Co-sintering of treated APC-residues with bottom ash
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2001

Ferroxprocessen - en miljøforbedrende stabiliseringsmetode for roggasrensningsprodukter fra affaldsforbrænding
Research output: Communication › Journal article – Annual report year: 2001

Groundwater pollution downgradient of the Vejen landfill: A revisit in the field after 10 years
Research output: Research › Article in proceedings – Annual report year: 2001

High temperature co-treatment of bottom ash and stabilized fly ashes from waste incineration
Research output: Research - peer-review › Journal article – Annual report year: 2001

Long-term development in APC ash landfills with respect to pH
Research output: Research › Article in proceedings – Annual report year: 2001

Natural attenuation as an approach to remediation of groundwater pollution at landfills
Research output: Research - peer-review › Book chapter – Annual report year: 2001

Natural attenuation of phenoxy acids in landfill leachate affected ground water
Research output: Research › Conference abstract in proceedings – Annual report year: 2001

Naturlig nedbrydning af fanen nedstrøms for Vejen Losseplads: - hvordan ser det ud 10 år efter de første undersøgelser?
Research output: Research › Article in proceedings – Annual report year: 2001

Performance of the ferrox-process on a semi-industrial scale
Research output: Research › Article in proceedings – Annual report year: 2001

Research output: Research - peer-review › Book – Annual report year: 2001
Stabilisation of APC-residues by the ferrox-process
Research output: Research › Article in proceedings – Annual report year: 2001

Aging of iron (hydr)oxides by heat treatment and effects on heavy metal binding
Research output: Research › peer-review › Journal article – Annual report year: 2000

Behandling af røggasrensningsprodukter fra affaldsforbrænding
Research output: Research - peer-review › Journal article – Annual report year: 2000

Characterization of redox conditions in groundwater contaminant plumes
Research output: Research - peer-review › Journal article – Annual report year: 2000

Characterization of redox conditions in pollution plumes
Research output: Research › Article in proceedings – Annual report year: 2000

Copper and zinc distribution coefficients for sandy aquifer materials
Research output: Research - peer-review › Journal article – Annual report year: 2000

Effects of thermal treatment on mineralogy and heavy metal behavior in iron oxide stabilized air pollution control residues
Research output: Research - peer-review › Journal article – Annual report year: 2000

Immobilization of chromate from coal fly ash leachate using an attenuating barrier containing zero-valent iron
Research output: Research - peer-review › Journal article – Annual report year: 2000

Leachability of heavy metals from scrap dirt sampled at two scrap iron and metal recycling facilities
Research output: Research - peer-review › Journal article – Annual report year: 2000

Natural attenuation: A feasible approach to remediation of groundwater pollution at landfills?
Research output: Research - peer-review › Journal article – Annual report year: 2000

Natural attenuation: A feasible approach to remediation of landfill leachate plumes?
Research output: Research - peer-review › Article in proceedings – Annual report year: 2000

On-site treatment and landfilling of MSWI air pollution control residues
Research output: Research › Article in proceedings – Annual report year: 2000

Soil and groundwater contamination with heavy metals at two scrap iron and metal recycling facilities
Research output: Research - peer-review › Journal article – Annual report year: 2000

Stabilization of waste incinerator APC-residues with FeSO4
Research output: Research › Article in proceedings – Annual report year: 2000

The effect of pH on the complexation of Cd, Ni and Zn by dissolved organic carbon from leachate-polluted groundwater
Research output: Research - peer-review › Journal article – Annual report year: 2000

Thermal Treatment of Iron Oxide Stabilized APC Residues from Waste Incineration and the Effect on Heavy Metal Binding
Research output: Research › Article in proceedings – Annual report year: 2000

Toxicity of organic chemical pollution in groundwater downgradient of a landfill (Grindsted, Denmark)
Research output: Research - peer-review › Journal article – Annual report year: 2000
Monitored natural attenuation: A remediation strategy at old landfills?
Research output: Research › peer-review › Article in proceedings – Annual report year: 1999

Monitoring toxicity of organic chemical pollution in a leachate plume (Grindsted, Denmark)
Research output: Research › peer-review › Article in proceedings – Annual report year: 1999

Natural attenuation: A feasible approach to remediation of groundwater pollution at landfills?
Research output: Research › Article in proceedings – Annual report year: 1999

Natural attenuation in a landfill leachate plume: The Grindsted landfill site
Research output: Research › peer-review › Article in proceedings – Annual report year: 1999

On-site treatment and landfilling of MSWI air pollution control residues
Research output: Research › peer-review › Article in proceedings – Annual report year: 1999

Organics in landfill leachates - polar and ionic compounds
Research output: Research › Article in proceedings – Annual report year: 1999

Polar and ionic organic compounds in landfill leachates: A new concern?
Research output: Research › peer-review › Article in proceedings – Annual report year: 1999

Research output: Research › peer-review › Book – Annual report year: 1999

Solid phase cadmium and reactions of aqueous cadmium with soil surfaces
Research output: Research › peer-review › Article in proceedings – Annual report year: 1999

Speciation of heavy metals in landfill-leachate plume
Research output: Research › peer-review › Article in proceedings – Annual report year: 1999

Speciation of heavy metals in landfill-leachate polluted groundwater
Research output: Research › peer-review › Journal article – Annual report year: 1999

Speciation of heavy metals in landfill-leachate polluted groundwater. Abstract
Research output: Research › Article in proceedings – Annual report year: 1999

Stabilization of APC-residues with FeSO4
Research output: Research › peer-review › Article in proceedings – Annual report year: 1999

Speciering af metaller i perkolater og perkolatfaner
Characterization of an old municipal landfill (Grindsted, Denmark) as a groundwater pollution source: Landfill hydrology and leachate migration
Research output: Research - peer-review › Journal article – Annual report year: 1998

Characterization of the dissolved organic carbon in landfill leachate-polluted groundwater
Research output: Research - peer-review › Journal article – Annual report year: 1998

Affaldets mængde og sammensætning. Kapitel 2.1
Research output: Education › Book chapter – Annual report year: 1998

Affaldsteknologi
Research output: Research - peer-review › Book – Annual report year: 1998

Anaerobic microbial redox processes in a landfill leachate contaminated aquifer (Grindsted, Denmark)
Research output: Research - peer-review › Journal article – Annual report year: 1998

Characterization of predominant reductants in an anaerobic leachate-affected aquifer by nitroaromatic probe compounds
Research output: Research - peer-review › Journal article – Annual report year: 1998

Characterization of Predominant Reductants in an Anaerobic Leachate-Contaminated Aquifer by Nitroaromatic Probe Compounds
Research output: Research - peer-review › Journal article – Annual report year: 1998

Comparison of field and laboratory methods for determination of potential for natural attenuation in a landfill leachate plume (Grindsted, Denmark)
Research output: Research - peer-review › Article in proceedings – Annual report year: 1998

Degradability of chlorinated aliphatic compounds in methanogenic leachates sampled at eight landfills
Research output: Research - peer-review › Journal article – Annual report year: 1998

Degradability of organic chemicals in a landfill environment studied by in situ and laboratory leachate reactors
Research output: Research - peer-review › Journal article – Annual report year: 1998

Deponering: hydrologi. Kapitel 6.2
Research output: Education › Book chapter – Annual report year: 1998

Deponering: principper og miljøpåvirkninger. Kapitel 6.1
Research output: Education › Book chapter – Annual report year: 1998

Deponering: reaktordeponier. Kapitel 6.4
Research output: Education › Book chapter – Annual report year: 1998

Deponering: udvaskningsdeponier. Kapitel 6.3
Research output: Education › Book chapter – Annual report year: 1998

Geology and sediment geochemistry of a landfill leachate contaminated aquifer (Grindsted, Denmark)
Research output: Research - peer-review › Journal article – Annual report year: 1998

H2 Concentrations In a Landfill Leachate Plume (Grindsted, Denmark): In Situ Energetics of Terminal Electron Acceptor Processes
Research output: Research - peer-review › Journal article – Annual report year: 1998
Henry's law constant for trichloroethylene between 10 and 95 degree C
Research output: Research - peer-review › Journal article – Annual report year: 1998

Introduktion til affaldsteknologi. Kapitel 1.1
Research output: Education › Book chapter – Annual report year: 1998

Kilder til uorganiske stoffer i grundvandet - herunder gamle lossepladser
Research output: Research › Journal article – Annual report year: 1998

Kildesorteret affald. Kapitel 2.2
Research output: Education › Book chapter – Annual report year: 1998

Kompostering: proces og teknologi. Kapitel 4.8
Research output: Education › Book chapter – Annual report year: 1998

Measured soil water concentrations of cadmium and zinc in plant pots and estimated leaching outflows from contaminated soils
Research output: Research - peer-review › Journal article – Annual report year: 1998

MEASURED SOILWATER CONCENTRATIONS OF CADMIUM AND ZINC IN PLANT POTS AND ESTIMATED LEACHING OUTFLOWS FROM CONTAMINATED SOILS
Research output: Research - peer-review › Journal article – Annual report year: 1998

Natural attenuation of aromatic and chlorinated aliphatic compounds: Comparison of field and laboratory experiments
Research output: Research - peer-review › Article in proceedings – Annual report year: 1998

Omlastestationer. Kapitel 3.4
Research output: Education › Book chapter – Annual report year: 1998

Proton binding by groundwater fulvic acids of different age, origin and structure modeled with Model V and the NICA-Donnan Model
Research output: Research - peer-review › Journal article – Annual report year: 1998

Proton binding by groundwater fulvic acids of different age, origins, and structure modeled with the model V and NICA-Donnan model
Research output: Research - peer-review › Journal article – Annual report year: 1998

Screening of groundwater toxicity downgradient of a landfill (Grindsted, Denmark) using a biotest battery. Poster
Research output: Research › Article in proceedings – Annual report year: 1998

Soil heating for enhanced remediation of chlorinated solvents: A laboratory study on resistive heating and vapor extraction in a silty, low-permeable soil contaminated with trichloroethylene
Research output: Research - peer-review › Journal article – Annual report year: 1998

Soil heating for remediation of dissolved trichloroethylene in low-permeable soil
Research output: Research - peer-review › Article in proceedings – Annual report year: 1998

Speciation of dissolved iron(II) and manganese(II) in a groundwater pollution plume
Research output: Research - peer-review › Journal article – Annual report year: 1998
Termisk assisterede oprensninger
Research output: Research - peer-review › Report – Annual report year: 1998

Thermally enhanced remediation at DNAPL sites: The competition between downward mobilization and upward volatilization
Research output: Research - peer-review › Article in proceedings – Annual report year: 1998

Undersøgelse af toksiciteten af perkolatforurenet grundvand ved hjælp af biologiske testmetoder
Research output: Research › Article in proceedings – Annual report year: 1998

Vejsalt genfindes i høje koncentrationer i grundvandet
Research output: Research › Journal article – Annual report year: 1998

Mikrobielle redoxprocesser i lossepladsforurenet grundvand
Research output: Research › Ph.D. thesis – Annual report year: 1997

Fate of xenobiotic compounds downgradient of the Grindsted Landfill, Denmark: An anaerobic field injection experiment
Research output: Research › Ph.D. thesis – Annual report year: 1997

Afslutning af injektionsforsøget ved Grindsted Gl. losseplads
Research output: Research › Journal article – Annual report year: 1997

Behaviour of heavy metals in soil and groundwater. Lecture note for 6370 Soil and Groundwater Pollution
Research output: Research - peer-review › Book – Annual report year: 1997

Cadmium and zinc in plants and soil solutions from contaminated soils
Research output: Research - peer-review › Journal article – Annual report year: 1997

Characterization of Colloids and Trace Elements Associated with Colloids in Landfill Leachates at Four Danish Landfills
Research output: Research - peer-review › Article in proceedings – Annual report year: 1997

Comparison of transformation of aromatic and chlorinated aliphatic compounds in anaerobic field and laboratory experiments. Abstract
Research output: Research - peer-review › Article in proceedings – Annual report year: 1997

Correlating phospholipid fatty acids (PLFA) in a landfill leachate polluted aquifer with biogeochemical factors by multivariate statistical methods
Research output: Research - peer-review › Journal article – Annual report year: 1997

Determination of nonvolatile organic carbon in aquifer solids after carbonate removal by sulfurous acid
Research output: Research - peer-review › Journal article – Annual report year: 1997

Distributionskoefficienter for tungmetaller i sandede grundvandsmagasiner
Research output: Research › Article in proceedings – Annual report year: 1997

Effects of sampling well construction on H2 measurements made for characterization of redox conditions in a contaminated aquifer
Research output: Research - peer-review › Journal article – Annual report year: 1997

Evaluating the distribution and fate of organic chemicals in a landfill by use of a simple model
Research output: Research - peer-review › Article in proceedings – Annual report year: 1997
Fate of nitroaromatic compounds in an anaerobic leachate plume: Laboratory and field experiments. Abstract
Research output: Research - peer-review › Book chapter – Annual report year: 1997

Importance of sediment fines in laboratory studies on the degradation of organic chemicals in aquifers
Research output: Research - peer-review › Journal article – Annual report year: 1997

In-situ fixation as remediation of lead pollution in groundwater: A model aquifer study
Research output: Research - peer-review › Article in proceedings – Annual report year: 1997

Kolloidt og opløst metal i lossepladsperkolat. Undersøgelse af 4 danske lossepladser
Research output: Research › Journal article – Annual report year: 1997

Kompleksering af tungmetaller med opløst organisk stof
Research output: Research › Article in proceedings – Annual report year: 1997

Microbial processes in a leachate contaminated aquifer
Research output: Research - peer-review › Article in proceedings – Annual report year: 1997

Natural attenuation of xenobiotic compounds at the Grindsted old landfill
Research output: Research › Article in proceedings – Annual report year: 1997

Natural biological attenuation: Integrative transition zones. Chapter 20
Research output: Research - peer-review › Article in proceedings – Annual report year: 1997

Naturlig selvrensning som alternativ afværgeteknologi
Research output: Research › Article in proceedings – Annual report year: 1997

Solid phase cadmium and reactions of aqueous cadmium with soil surfaces
Research output: Research › Article in proceedings – Annual report year: 1997

Solid phase cadmium and reactions of aqueous cadmium with soil surfaces
Research output: Research - peer-review › Book chapter – Annual report year: 1997

Sorption of Heavy Metals
Research output: Research › Report – Annual report year: 1997

Speciation of heavy metals in landfill leachate
Research output: Research - peer-review › Article in proceedings – Annual report year: 1997

Uorganiske stoffluxe i grundvandsopløsset omkring Vejen Losseplads
Research output: Research › Article in proceedings – Annual report year: 1997

Vurdering af lossepladser overgang fra aktiv til passiv miljøbeskyttelse. Teknisk vurdering af eksisterende og nedlagte lossepladser
Research output: Research - peer-review › Report – Annual report year: 1997

Application of a model accounting for kinetic sorption and degradation to in situ microcosm observations on the fate of aromatic hydrocarbons in an aerobic aquifer
Research output: Research - peer-review › Journal article – Annual report year: 1996

Afdampning og transport af flygtige stoffer i jord
Research output: Research › Article in proceedings – Annual report year: 1996
Application of a microbiology-geochemistry transport model for saturated groundwater flow to a municipal landfill plume (Vejen Landfill, Denmark)
Research output: Research - peer-review › Book chapter – Annual report year: 1996

Cadmium and nickel distribution coefficients for sandy aquifer materials
Research output: Research - peer-review › Journal article – Annual report year: 1996

Cadmium solubility in aerobic soils
Research output: Research - peer-review › Journal article – Annual report year: 1996

Composition and distribution of biomass in a landfill contaminated aquifer (Grindsted, Denmark). Abstract No. 46
Research output: Research › Article in proceedings – Annual report year: 1996

Degradation of organic chemicals in landfills and their attenuation zones
Research output: Research › Paper – Annual report year: 1996

Effect of dissolved organic carbon on the mobility of cadmium, nickel and zinc in leachate polluted groundwater
Research output: Research - peer-review › Journal article – Annual report year: 1996

Effect of geochemical conditions on fate of organic compounds in groundwater
Research output: Research - peer-review › Journal article – Annual report year: 1996

Effects of Landfill Gas Vegetation
Research output: Research › Book chapter – Annual report year: 1996

Factors controlling the migration and attenuation of priority pollutants in landfill pollution plumes
Research output: Research - peer-review › Book – Annual report year: 1996

Forureningsspredning i grundvandsmagasiner - dispersionsforhold og deres betydning for moniteringsprogrammer og afværgeforanstaltninger
Research output: Research › Article in proceedings – Annual report year: 1996

Gas-generating processes in landfills
Research output: Research - peer-review › Book chapter – Annual report year: 1996

Gas issues in landfill management
Research output: Research - peer-review › Article in proceedings – Annual report year: 1996

In situ and laboratory determined first-order degradation rate constants of specific organic compounds in an aerobic aquifer
Research output: Research - peer-review › Journal article – Annual report year: 1996

"Intrinsic bioremediation" eller "intern rensning" - en alternativ afværgeteknologi i Danmark?
Research output: Research › Article in proceedings – Annual report year: 1996

Kemiske stoffer's opførsel i jord og grundvand - en oversigt.
Research output: Research › Article in proceedings – Annual report year: 1996

Landfilling of waste: Biogas
Research output: Research - peer-review › Book – Annual report year: 1996
Research output: Research - peer-review › Book – Annual report year: 1996

Performance of the In Situ Microcosm Technique for Measuring the Degradation of Organic Chemicals in Aquifers
Research output: Research - peer-review › Journal article – Annual report year: 1996

Significance of biomass support particles in laboratory studies on microbial degradation of organic chemicals in aquifers
Research output: Research - peer-review › Journal article – Annual report year: 1996

Sorption of tungmetaller
Research output: Research › Article in proceedings – Annual report year: 1996

Tungmetaller
Research output: Research › Report chapter – Annual report year: 1996

Volatileisation of aromatic hydrocarbons from soil: Part I, Fluxes from coal tar contaminated surface soils
Research output: Research - peer-review › Journal article – Annual report year: 1996

Volatileisation of aromatic hydrocarbons from soil: Part II, Fluxes from coal tar contaminated soils residing below the soil surface
Research output: Research - peer-review › Journal article – Annual report year: 1996

Assessment of the Spatial Variability in Leachate Migration from an Old Landfill Site
Research output: Research - peer-review › Article in proceedings – Annual report year: 1995

Changes in Trace Metal Species and Other Components of the Rhizosphere During Growth of Radish
Research output: Research - peer-review › Journal article – Annual report year: 1995

Composition and Management of Leachate from Landfills Within the Eu
Research output: Research - peer-review › Article in proceedings – Annual report year: 1995

Degradability of Chlorinated Organic Compounds in Landfills
Research output: Research - peer-review › Article in proceedings – Annual report year: 1995

Degradation of Organic Chemicals in a Leachate Pollution Plume: An In-Situ Experiment
Research output: Research - peer-review › Article in proceedings – Annual report year: 1995

Distribution of Organic Compounds from Municipal Solid Waste in the Groundwater Downgradient of a Landfill (Grindsted, Denmark)
Research output: Research - peer-review › Journal article – Annual report year: 1995

Distribution of Redox-Sensitive Groundwater Quality Parameters Downgradient of a Landfill (Grindsted, Denmark)
Research output: Research - peer-review › Journal article – Annual report year: 1995

Geomicrobial and Geochemical Redox Processes in a Landfill Polluted Aquifer
Research output: Research › Article in proceedings – Annual report year: 1995

Geomicrobial and Geochemical Redox Processes in a Landfill-Polluted Aquifer
Research output: Research - peer-review › Book chapter – Annual report year: 1995
Impact of Sediment-Bound Iron on Redox Buffering in a Landfill Leachate Polluted Aquifer (Vejen, Denmark)
Research output: Research - peer-review › Journal article – Annual report year: 1995

In situ and Laboratory Determined First-Order Degradation Rate Constants of Specific Organic Compounds in an Aerobic Aquifer
Research output: Research › Article in proceedings – Annual report year: 1995

In Situ and Laboratory Studies on the Fate of Specific Organic Compounds in an Anerobic Landfill Leachate Plume, 1. Experimental Conditions and Fate of Phenolic Compounds
Research output: Research - peer-review › Journal article – Annual report year: 1995

In Situ and Laboratory Studies on the Fate of Specific Organic Compounds in an Anerobic Landfill Leachate Plume, 2. Fate of Aromatic and Chlorinated Aliphatic Compounds
Research output: Research - peer-review › Journal article – Annual report year: 1995

Laboratory Evaluation of Biomass Support Particles for Microbial Degradation of Organic Chemicals in Water Treatment
Research output: Research - peer-review › Poster – Annual report year: 1995

Landfill Emissions and Environmental Impact: An Introduction
Research output: Research - peer-review › Article in proceedings – Annual report year: 1995

Limiting Factors for Microbial Fe(III)-Reduction In a Landfill Leachate Polluted Aquifer (Vejen, Denmark)
Research output: Research - peer-review › Journal article – Annual report year: 1995

Microbial Fe(III) Reduction - A Process Resulting in Transport of Iron i Aquifers
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 1995

Natural Attenuation of Xenobiotic Compounds: Anaerobic Field Injection Experiment
Research output: Research › Paper – Annual report year: 1995

Natural Attenuation of Xenobiotic Compounds: Anaerobic Field Injection Experiment
Research output: Research - peer-review › Article in proceedings – Annual report year: 1995

Occurrence and Distribution of Pharmaceutical Organic Compounds in the Groundwater Downgradient of a Landfill (Grindsted, Denmark)
Research output: Research - peer-review › Journal article – Annual report year: 1995

Redox Buffering in Shallow Aquifers Contaminated by Leachate
Research output: Research - peer-review › Article in proceedings – Annual report year: 1995

Redox Buffering in Shallow Aquifers Contaminated by Leachate and Implications for the Development of Reduced Plumes and In Situ Remediation
Research output: Research › Article in proceedings – Annual report year: 1995

Redox Buffering in Shallow Aquifers Contaminated by Leachate and Implications for the Development of Reduced Plumes and In-Situ Remediation
Research output: Research › Book chapter – Annual report year: 1995

Response to Comment om "Occurrence and Distribution of Pharmaceutical Organic Compounds In the Groundwater Downgradient of a Landfill (Grindsted, Denmark)"
Research output: Research - peer-review › Journal article – Annual report year: 1995
Speciation of Cadmium and Zinc with Application to Soil Solutions
Research output: Research › peer-review › Journal article – Annual report year: 1995

Speciation of Dissolved Cadmium: Interpretation of Dialysis, Ion Exchange and Computer (Geochem) Methods
Research output: Research › peer-review › Journal article – Annual report year: 1995

Trends in Cadmium Contents of Danish Agricultural Soils
Research output: Research › Conference article – Annual report year: 1995

Trends in Cadmium Contents of Danish Agricultural Soils
Research output: Research › Conference article – Annual report year: 1995

An Integrated Description of the Organic Pollution Plume from a Landfill (Grindsted, Denmark)
Research output: Research › peer-review › Article in proceedings – Annual report year: 1994

Applications of Fertilizer Cations Affect Cadmium and Zinc Concentrations in Soil Solutions and Uptake by Plants
Research output: Research › peer-review › Journal article – Annual report year: 1994

Attenuation of Landfill Leachate Pollutants in Aquifers
Research output: Research › peer-review › Journal article – Annual report year: 1994

Comparison of Soxhlet and Shake Extraction of Polycyclic Aromatic Hydrocarbons from Coal Tar Polluted Soils Sampled in the Field
Research output: Research › peer-review › Journal article – Annual report year: 1994

Den jern-reducerende zone ved Vejen losseplads: Redoxkarakterisering og sedimentundersøgelser
Research output: Research › Article in proceedings – Annual report year: 1994

Evidence for Microbial Iron Reduction in a Landfill Leachate-Polluted Aquifer (Vejen, Denmark)
Research output: Research › peer-review › Journal article – Annual report year: 1994

Grindsted Landfill Site: Attenuation of Leachate Pollutants
Research output: Research › peer-review › Conference abstract in proceedings – Annual report year: 1994

Injektionsforsøg i forureningsfanen ved Grindsted Gl. Losseplads
Research output: Research › peer-review › Journal article – Annual report year: 1994

In Situ Measurement of Degradation of Specific Organic Compounds Under Aerobic, Dentrifying, Iron(III)-Reducing, and Methanogenic Groundwater Conditions
Research output: Research › peer-review › Book chapter – Annual report year: 1994

Kompleksering og mobilitet af tungmetaller
Research output: Research › Article in proceedings – Annual report year: 1994

Landfill Leachate-Polluted Groundwater Evaluated as Sustrate for Microbial Degradation Under Different Redox Conditions
Research output: Research › peer-review › Book chapter – Annual report year: 1994

Measured and Estimated Volatilisation of Naphthalene from a Sandy Soil
Research output: Research › peer-review › Journal article – Annual report year: 1994

Research output: Research › peer-review › Conference abstract in proceedings – Annual report year: 1994
Modelling the Fate of Organic Compounds in In Situ Microcosm Experiments
Research output: Research - peer-review › Article in proceedings – Annual report year: 1994

Nedbrydning og sorption i kalkaflejring
Research output: Research - peer-review › Journal article – Annual report year: 1994

Opløste humuslignende stoffers betydning for tungmetallers opløselighed og mobilitet
Research output: Research › Article in proceedings – Annual report year: 1994

Oxidation Capacity of Aquifer Sediment
Research output: Research - peer-review › Book chapter – Annual report year: 1994

Oxidation Capacity of Aquifer Sediments
Research output: Research - peer-review › Journal article – Annual report year: 1994

Rumlig variation i hydraulisk ledningsevne og grundvandskvalitet
Research output: Research › Article in proceedings – Annual report year: 1994

Sorption af tungmetaller i grundvandszonen
Research output: Research › Article in proceedings – Annual report year: 1994

Speciation of Fe(II) and Fe(III) in Contaminated Aquifer Sediments Using Chemical Extraction Techniques
Research output: Research - peer-review › Journal article – Annual report year: 1994

The Role of Aquifer Sediment in Controlling Redox Conditions in Polluted Groundwater
Research output: Research - peer-review › Article in proceedings – Annual report year: 1994

Udvaskning af metaller fra metalgevindingspladser
Research output: Research › Article in proceedings – Annual report year: 1994

Variabilitet i biologisk nedbrydning af specifikke organiske stoffer i en aerob akvifer målt ved laboratorie batch eksperimenter
Research output: Research › Article in proceedings – Annual report year: 1994

Variability of Biological Degradation of Aromatic Hydrocarbons in an Aerobic Aquifer Determined by Laboratory Batch Experiments
Research output: Research - peer-review › Journal article – Annual report year: 1994

Variability of Biological Degradation of Phenolic Hydrocarbons in an Aerobic Aquifer Determined by Laboratory Batch Experiments
Research output: Research - peer-review › Journal article – Annual report year: 1994

Vejen Landfill Site: In Situ Injection Studies in the Leachate Plume
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 1994

Vi ved nok til at gå i gang
Research output: Research › Book chapter – Annual report year: 1994

Volatilisation of o-Xylene from Sandy Soil
Research output: Research - peer-review › Journal article – Annual report year: 1994
A Field Experiment on Cation Exchanged-affected Multicomponent Solute Transport in a Sandy Aquifer
Research output: Research - peer-review › Journal article – Annual report year: 1993

Assessing the Variability in Leachate Migration from an Old Municipal Landfill
Research output: Research - peer-review › Article in proceedings – Annual report year: 1993

Attenuation of Organic Leachate Pollutants in Groundwater
Research output: Research - peer-review › Article in proceedings – Annual report year: 1993

Attenuation of Organic Pollutants in Redox Zones of Landfill Leachate Plumes
Research output: Research › Book chapter – Annual report year: 1993

Cation Migration in Groundwater: A Field Experiment
Research output: Research › Book chapter – Annual report year: 1993

Determination of Cadmium Species in Soil Solution Samples
Research output: Research - peer-review › Article in proceedings – Annual report year: 1993

Different Abilities of Eight Mixed Cultures of Methane-oxidizing Bacteria to Degrade TCE
Research output: Research - peer-review › Journal article – Annual report year: 1993

Experimental Determination of Organic Vapour Fluxes from Coal Tar Polluted Soil
Research output: Research › Book chapter – Annual report year: 1993

Experimentelle bestimmung von dampfflüssen organischer substanzen aus mit kohlenteer verunreinigten böden
Research output: Research › Book chapter – Annual report year: 1993

Fluxen af automatiske kulbrinter fra tjæreforurenet jord: Laboratorieforsøg
Research output: Research - peer-review › Article in proceedings – Annual report year: 1993

Fluxen af o-xylen og naphthalen fra forurenet sandjord: Laboratorieforsøg
Research output: Research - peer-review › Article in proceedings – Annual report year: 1993

Grundvandets selvrensningsevne ved forurening fra lossepladser
Research output: Research - peer-review › Journal article – Annual report year: 1993

In Situ Measurement of Organic Pollutant Degradation in a Leachate Plume
Research output: Research › Book chapter – Annual report year: 1993

In-situ-messung des abbaus organischer schadstoffe in einer sickerwasser-fahne
Research output: Research › Book chapter – Annual report year: 1993

Kationenwanderung/ausbreitung in grundwasser: Ein feldversuch
Research output: Research › Book chapter – Annual report year: 1993

Laboratory Measurements of Non-Steady-State diffusion of O-ylene and Naphthalene from a Sandy Soil
Research output: Research - peer-review › Article in proceedings – Annual report year: 1993

Löslichkeit von cadmium in verunreinigtem boden
Research output: Research › Book chapter – Annual report year: 1993
Microbial Activity and Degradation Processes in a Landfill Leachate Polluted Aquifer
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 1993

Mobilitet og tilgængelighed af cadmium og zink i jord
Research output: Research › Article in proceedings – Annual report year: 1993

Model Simulations of a Field Experiment on Cation Exchange-affected Multicomponent Solute Transport in a Sandy Aquifer
Research output: Research - peer-review › Journal article – Annual report year: 1993

Principles of Landfill Barrier Systems
Research output: Research › Book chapter – Annual report year: 1993

Redox Buffering Capacity of Aquifer Sediment
Research output: Research › Book chapter – Annual report year: 1993

Solubility of Cadmium in Polluted Soil
Research output: Research › Book chapter – Annual report year: 1993

Substratwert von durch deponiesickerwasser verunreinigtem grundwasser für den mikrobiellen abbau unter verschiedenenden redoxbedingungen
Research output: Research › Book chapter – Annual report year: 1993

The Degradation of Chlorinated Aliphatic Compounds in a Sanitary Landfill
Research output: Research - peer-review › Article in proceedings – Annual report year: 1993

The Effect of Fertilizer Applications on the Bio-Availability of the CD and ZN
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 1993

The Influence of Dissolved Humic Like Materials on the Solubility and Mobility of Heavy Metals
Research output: Research - peer-review › Article in proceedings – Annual report year: 1993

Verringerung von organischen schadstoffen in redoxzonen von deponiensickerwasserfahnen
Research output: Research › Book chapter – Annual report year: 1993

A Field Method For Determination of Groundwater and Groundwater-sediment Associated Potentials for Degradation of Xenobiotic Organic Compounds
Research output: Research - peer-review › Journal article – Annual report year: 1992

Attenuation of Leachate Pollutants in Groundwater
Research output: Research › Book chapter – Annual report year: 1992

Correlation of Benzene, 1,1,1-Trichloroethane, and Naphthalene Distribution Coefficients to the Characteristics of Aquifer Materials With Low Organic Carbon Content
Research output: Research - peer-review › Journal article – Annual report year: 1992

Degradation of Specific Organic Compounds in Leachate-Polluted Groundwater
Research output: Research › Book chapter – Annual report year: 1992

Degradation of the herbicide mecoprop in an aerobic aquifer determined by laboratory batch studies
Research output: Research - peer-review › Journal article – Annual report year: 1992
Effects of Landfill Management Procedures on Landfill Stabilization and Leachate and Gas Quality
Research output: Research › Book chapter – Annual report year: 1992

Fate of Landfill Leachate Pollutants in Groundwater: A Field Study of the Old Vejen Landfill (Denmark)
Research output: Research › Article in proceedings – Annual report year: 1992

Fate of organic contaminants in the redox zones of a landfill leachate pollution plume (Vejen, Denmark)
Research output: Research › Book chapter – Annual report year: 1992

Groundwater Control Monitoring at Sanitary Landfills
Research output: Research › Book chapter – Annual report year: 1992

Importance of Unattached Bacteria and Bacteria Attached to Sediment in Determining Potentials for Degradation of Xenobiotic Organic Contaminants in an Aerobic Aquifer
Research output: Research › peer-review › Journal article – Annual report year: 1992

Kære politikere...: Åben henvendelse vedrørende styrelsesloven
Research output: Communication › Contribution to newspaper - Newspaper article – Annual report year: 1992

Landfill Leachate: An Introduction
Research output: Research › Book chapter – Annual report year: 1992

Landfill leachate effects on sorption of organic micropollutants onto aquifer materials
Research output: Research › peer-review › Journal article – Annual report year: 1992

Lossepladser og grundvandsforurening
Research output: Research › peer-review › Journal article – Annual report year: 1992

Mobilitet og tilgængelighed af tungmetaller i jord
Research output: Research › Article in proceedings – Annual report year: 1992

Modelling TCE degradation by a mixed culture of methane-oxidizing bacteria
Research output: Research › peer-review › Journal article – Annual report year: 1992

Predicting nonequilibrium transport of naphthalene through aquifer materials using batch determined sorption parameters
Research output: Research › peer-review › Journal article – Annual report year: 1992

Processi Di Degradazione Dei Rifiuti
Research output: Research › Article in proceedings – Annual report year: 1992

Redox zones of a landfill leachate pollution plume (Vejen, Denmark)
Research output: Research › peer-review › Journal article – Annual report year: 1992

Spatial and temporal small-scale variation in groundwater quality of a shallow sandy aquifer
Research output: Research › peer-review › Journal article – Annual report year: 1992

Spatial variability of hydraulic conductivity of an unconfined sandy aquifer determined by a mini slug test
Research output: Research › peer-review › Journal article – Annual report year: 1992
Sustainable Management of Cadmium in Danish Agriculture
Research output: Research › Book chapter – Annual report year: 1992

The Use of Soil Solution Parameters to Predict Uptake of Cd and Zn by Radish
Research output: Research › Conference abstract for conference – Annual report year: 1992

Vejen injektionsfelt: Uorganisk stoftransport
Research output: Research - peer-review › Report – Annual report year: 1992

Leaching Tests to Evaluate Pollution Potential of Combustion Residues From an Iron Recycling Industry
Research output: Research - peer-review › Journal article – Annual report year: 1990

Sorption and Degradation of Chlorophenols, Nitrophenols and Organophorus Pesticides In the Subsoil Under Landfills: Laboratory Studies
Research output: Research › Journal article – Annual report year: 1990

A method for determination of cadmium species in solid waste leachates
Research output: Research - peer-review › Journal article – Annual report year: 1989

Cadmium complexation by solid waste leachates
Research output: Research - peer-review › Journal article – Annual report year: 1989

Cadmium soil sorption at low concentrations. VII: Effect of stable solid waste leachate complexes
Research output: Research - peer-review › Journal article – Annual report year: 1989

Cadmium soil sorption at low concentrations: VIII.: Correlation with soil parameters
Research output: Research - peer-review › Journal article – Annual report year: 1989

A Review of Chemical Solute Transport Models
Research output: Research › Journal article – Annual report year: 1988

Distribution coefficients of Cd, Co, Ni, and Zn in soils
Research output: Research - peer-review › Journal article – Annual report year: 1988

Sorption of specific organics in low concentrations on aquifer materials of low organic carbon content: Laboratory experiments
Research output: Research › Paper – Annual report year: 1988

Sorption of specific organics on aquifer materials of low organic carbon content
Research output: Research › Book chapter – Annual report year: 1988

Behaviour of leachate pollutants in groundwater
Research output: Research › Paper – Annual report year: 1987

Bly og grundvandsforurening
Research output: Research › Journal article – Annual report year: 1987

Cadmium soil sorption at low concentrations: V. Evidence of competition by other heavy metals
Research output: Research - peer-review › Journal article – Annual report year: 1987

Cadmium soil sorption at low concentrations: VI. A model for zinc competition
Research output: Research - peer-review › Journal article – Annual report year: 1987
Retardation of lead in soils
Research output: Research › Paper – Annual report year: 1987

Affald og jordforurening - Flere problemer dukker frem de kommende år
Research output: Research › Journal article – Annual report year: 1986

A proposal for an unsaturated zone oxygen transport and consumption model
Research output: Research › Paper – Annual report year: 1986

Kontrollerede lossepladser - et påtrængende problem uden lette løsninger
Research output: Research › Journal article – Annual report year: 1986

Solute transport and chemical processes: The present state of the unsaturated zone component of the she modelling system
Research output: Research › Paper – Annual report year: 1986

Udvaskningstest af industriaffald: Eksempel: Kupolovnsslam
Research output: Research › Journal article – Annual report year: 1986

Cadmium soil sorption at low concentrations: III. Prediction and observation of mobility
Research output: Research - peer-review › Journal article – Annual report year: 1985

Cadmium soil sorption at low concentrations: IV. Effect of waste leachates on distribution coefficients
Research output: Research - peer-review › Journal article – Annual report year: 1985

Evidence of increasing cadmium contents of agricultural soils
Research output: Research › Paper – Annual report year: 1985

Heavy metal competition for soil sorption sites at low concentrations
Research output: Research › Paper – Annual report year: 1985

Pilotlossepladsundersøgelserne
Research output: Research › Paper – Annual report year: 1985

Ionbytningsmodeller: En beskrivelse af ionbytningsprocesser i jord og reservoirmaterialer med henblik på indbygning og anvendelse i geohydrologiske stoftransportmodeller
Research output: Research › Report – Annual report year: 1984

A rationale for selecting chemical parameters for control monitoring of the ground water quality at sanitary landfills
Research output: Research › Paper – Annual report year: 1984

Cadmium soil sorption at low concentrations: I. Effect of time, cadmium load, pH, and calcium
Research output: Research - peer-review › Journal article – Annual report year: 1984

Cadmium soil sorption at low concentrations: II. Reversibility, effect of changes in solute composition, and effect of soil aging
Research output: Research - peer-review › Journal article – Annual report year: 1984
A model for low-range cadmium migration in soils: Principles and verification
Research output: Research › Paper – Annual report year: 1981

Ground water protection and use of the land in waste treatment and disposal
Research output: Research › Paper – Annual report year: 1981

Prediction of cadmium concentrations in Danish soils
Research output: Research › Paper – Annual report year: 1980

Fast Affald: En introduktion til litteratur vedrørende fast affald
Research output: Research › Report – Annual report year: 1978

Sorption of cadmium onto two mineral soils
Research output: Research › Paper – Annual report year: 1978

Terrestrisk spildevandsbehandling
Research output: Research › Journal article – Annual report year: 1978

En vurdering af fast affald som kilde til vandforurening
Research output: Research › Paper – Annual report year: 1977

Projects:

Miljøoptimering af affaldsforbrændingsanlæg
Project: PhD

Bæredygtig udnyttelse af Grønlands affald
Project: PhD

Miljøvurdering af organisk husholdningsaffald
Project: PhD

Miljøvurdering af restprodukters genanvendelse
Project: PhD

Modeller til miljøvurdering af affaldssystemer
Project: PhD

Kemisk stabilisering af røggasrensningsprodukter
Project: PhD

Udluftning af flygtige forureningsstoffer i heterogen umættet jord
Project: PhD

Stabilisering af restprodukter fra affaldsforbrænding
Project: PhD

Behandling af restprodukter fra affaldsforbrænding med henblik på genanvendelse og/eller bæredygtig deponering
Project: PhD
Tungmetaalkompleksers betydning i miljøet  
Project: PhD

Deterministisk-stokastisk modellering af transport og omsætning af organisk stof i grundvand  
Project: PhD

Speciering af tungmetaller i affaldsstoffer i relation til deres mobilitet i miljøet  
Project: PhD

Frigivelse og transport af flygtige tjærekomponenter i jord  
Project: PhD

Integration of Environmental Life Cycle Information Into Cad-Systems for Support of Design for Environment  
Project: PhD

Prediction of Leaching from Waste Incineration Residues  
Project: PhD

Udnyttelse af procesvandkoncentrater og andre restfraktioner  
Project: PhD

Redoxdynamik i affald-jord-vand-systemer  
Project: PhD

Nedbrydning af naturfreddede stoffer i forskellige redoxzoner omkring lossepladser  
Project: PhD

Effects of redox conditions on pesticide degradation in groundwater  
Project: PhD

Mikrobiel aktivitet i lossepladsforurenet grundvand.  
Project: PhD

Tungmetallers binding i affaldsdeponier  
Project: PhD

Waste Management Strategies of the Future: A Consistent European and National Technology Platform  
Project: PhD

Mobilization of Nickel in Aquifers in response to Afforestation  
Project: PhD

Reduktion af gasemission fra lossepladser i reaktive barrierer  
Project: PhD

Gas Generation and Emissions from Decomposition of Organic Wastes at Full-Scale Waste Treatment Facilities  
Project: PhD

Waste Disposa - Getting the "End of Life" right in Life-Cycle-Assessment Modeling of Waste Management Systems  
Project: PhD
Fremtidens integrerede indsamling af affald
Project: PhD

Defining Quality Indicators in Waste Management
Project: PhD

Reduction of Methane Emissions from Landfills by Use of Engineered Biocovers
Project: PhD

Mikrobiel nedbrydning efter dampoprensning af forventet jord og grundvand
Project: PhD

PhD Project 12 - Life cycle assessment of special and hazardous waste types and fractions
Project: PhD

Resource and environmental assessment of recycling of construction and demolition waste (C&D waste)
Project: PhD

LCA model for sewage sludge - an EASEWASTE extension
Project: PhD

Future Scenario Analysis in Solid Waste Management
Project: PhD

Life cycle assessment of waste management: Assessing technical externalities
Project: PhD

Flexible model structure for waste-LCA modelling - The next generation of the EASEWASTE model
Project: PhD

Implementation of LCA-models in Waste Management
Project: PhD

Environmental Assessment of the Management of Garden and Yard Waste
Project: PhD

Environmentally Sustainable Utilization of Waste Resources for Energy Production
Project: PhD

Reduction of Greenhouse Gas Emissions from Landfills by use of Engineered Biocovers: Full Scale Studies
Project: PhD

Nedbrydning af organiske stoffer i lossepladser og grundvand.
Project: PhD

LCA af gipsaffald
Project: Research

CO2 opgørelse i affaldssektoren
Project: Research
Sustainable Environmental Technology. Application for 5 fellowships
Project: Research

Integrated organics pre-treatment system for new sludge management systems
Project: Research

Have-park affald: Sammenlignende vurdering af disponeringsmuligheder. Forprojekt 060609
Project: Research

LCA-screening of 8 European waste management scenarios
Project: Research

Veolia. Litterature review on definitions, methodologies, calculations, monitoring and reporting of climate change indicators. Confidential
Project: Research

Inventory modelling and documentation of four landfilling technologies for ELCD using EASEWASTE
Project: Research

Miljøvurdering af affaldsforbrænding og alternativer
Project: Research

Implementation of Easewaste at VESTFORBRÆNDING as part of the environmental mangement system
Project: Research

RiskCycle
Project: Research

Health and Environment Integrated Methodology and Toolbox for Scenario Assessment. The contributions of landfills. EU contract GOCE Contract No. 036913
Project: Research

Århus - Garden Waste
Project: Research

Biogrowth - VF
Project: Research

DTUs bidrag til koordinering og udredning.
Project: Research

Development of leaching tests for organic compounds in contaminated soils.
Project: Research

Environmental assessment of organic household waste management in the municipal of Copenhagen
Project: Research

Pretreatment of source separated organic household waste prior to biogasification
Project: Research

Biogasification of organic household waste: Waste composition, pretreatment and methane potentials
Project: Research
Project: Research

Characterization and stabilization of municipal waste incineration residues.
Project: Research

Treatment of residues from solid waste incineration: Pilotscale experiments.
Project: Research

Natural attenuation as remediation of landfill leachate plumes.
Project: Research

Joule Heating
Project: Research

Inorganic fluxes in watersheds hosting old landfills
Project: Research

Treatment of residues from solid waste incineration
Project: Research

Heavy metal species in solid waste leachates.
Project: Research

Anaerobic field injection experiment with organic chemicals in a leachate plume
Project: Research

Leaching of heavy metals from soils.
Project: Research

Distribution coefficients for metals in soils and aquifer materials
Project: Research

Monitoring and interpretation of H2 as a redox indicator in an anaerobic leachate plume
Project: Research

Microbial studies of an anaerobic leachate plume
Project: Research

Colloids in landfill leachate
Project: Research

Complexation of Cd, Ni, Zn, Pb and Cu by dissolved organic carbon from landfills
Project: Research

Complexation of Cd, Ni, Zn, Pb and Cu by dissolved organic carbon from landfills
Project: Research

Treatment of residues from solid waste incineration
Project: Research
Kvantificering af miljøeffekter fra RGA.
Project: Research

Natural attenuation of landfill leachate plumes
Project: Research

Characterization and stabilization of Residues.
Project: Research

In Situ heat treatment of polluted clayish soils
Project: Research

Complexation of Cd, Ni, Zn, Pb and Cu by dissolved organic carbon from landfills
Project: Research

Leaching of heavy metals from soils
Project: Research

Anaerobic field injection experiment with organic chemicals in a leachate plume
Project: Research

Microbial studies of an anaerobic leachate plume
Project: Research

Monitoring and interpretation of H2 as a redox indicator in an anaerobic leachate plume
Project: Research

Project: Research

Bevilling fra Rektors Strategiske Omstillingspulje til at fremme innivationsaktiviteter på DTU, in casu EASEWASTE
Project: Research

Beslutningsstøtteværktøj vedrørende indsamling og behandling af kildesorteret dagrenovation
Project: Research

Miljømæssig vurdering af træaffald i DK
Project: Research

Miljøvurdering af affaldsbehandling med EASEWASTE modellen
Project: Research

High temperature slagging gasifier for waste.
Project: Research

Miljøvurdering af genanvendelse og slutdisponering af spildevandsslamm
Project: Research

Miljøvurdering af systemer til håndtering af husholdningsaffald i Herning Kommune.
Project: Research
Udvikling af deponeringsanlægget AV-Miljø - Et dynamisk samarbejde mellem AV-Miljø og Miljø & Ressourcer DTU.  
Project: Research

Hvidbog om RGA-teknologier  
Project: Research

Vurderingsværktøj for RGA-disponering (LCA RGA).  
Project: Research

Heavy metals in residential waste and incineration bottom ashes  
Project: Research

Mechanical sorting of municipal solid waste for recovery of organic fraction.  
Project: Research

Kortlægning af kilder til miljøskadelige stoffer i affaldet.  
Project: Research

Forbrændingstest med rent dagrenovation.  
Project: Research

Project: Research

Project: Research

Life cycle assessment of road construction and reuse of waste incineration residues  
Project: Research

Environmental assessment of solid waste management in the municipality of Aarhus  
Project: Research

Methane emissions from organic household waste biogasification.  
Project: Research

Environmental assessment of solid waste management system with a view to technological innovation  
Project: Research

Statistisk analyse af jordkomponenters betydning for cadmium sorption i jord.  
Project: Research

TB2 Anvendelse af RGA i beton : indledende undersøgelser  
Project: Research

Project: Research
Iron and manganese in an anaerobic leachate plume
Project: Research

Iron and manganese in an anaerobic leachate plume
Project: Research

Inorganic fluxes in watersheds hosting old landfills
Project: Research

Distribution coefficients for metals in soils and aquifer materials
Project: Research

Colloids in landfill leachate
Project: Research

Cation exchange in an anaerobic leachate plume
Project: Research

Groundwater source characterization of landfills
Project: Research

Modelling the fate of organics in landfills
Project: Research

Reactive Transport Modelling of Coupled Inorganic and Organic Processes in Groundwater
Project: Research

Activities:

C-accounting and the role of LCA in waste management
Activity: Talks and presentations › Conference presentations

LCA – Life-Cycle-Assessment - modeling with an industrial waste example
Activity: Talks and presentations › Conference presentations