Charlotte Scheutz
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Department of Environmental Engineering - Professor
Air, Land & Water Resources

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

Evaluation of a European textile sorting centre: Material flow analysis and life cycle inventory
Research output: Research - peer-review › Journal article – Annual report year: 2019

Guidelines for landfill gas emission monitoring using the tracer gas dispersion method
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
ten Hoeve, M., Bruun, S., Jensen, L. S., Christensen, T. H. & Scheutz, C. 2019 In : Waste Management. 86, p. 54-66
Research output: Research - peer-review › Journal article – Annual report year: 2019

Methodologies for measuring fugitive methane emissions from landfills – A review
Research output: Research - peer-review › Journal article – Annual report year: 2019

Quantity and quality of clothing and household textiles in the Danish household waste
Research output: Research - peer-review › Journal article – Annual report year: 2019

Residual phosphorus availability after long-term soil application of organic waste
Research output: Research - peer-review › Journal article – Annual report year: 2019

Site-specific carbon footprints of Scandinavian wastewater treatment plants, using the life cycle assessment approach
Delre, A., ten Hoeve, M. & Scheutz, C. 2019 In : Journal of Cleaner Production. 211, p. 1001-1014
Research output: Research - peer-review › Journal article – Annual report year: 2019

Treatment of landfill gas with low methane content by biocover systems
Thomassen, T. B., Scheutz, C. & Kjeldsen, P. 2019 In : Waste Management. 84, p. 29-37
Research output: Research - peer-review › Journal article – Annual report year: 2019

Validation and error assessment of the mobile tracer gas dispersion method for measurement of fugitive emissions from area sources
Research output: Research - peer-review › Journal article – Annual report year: 2019
Life cycle assessment of sewage sludge management options including long-term impacts after land application
Yoshida, H., ten Hoeve, M., Christensen, T. H., Bruun, S., Jensen, L. S. & Scheutz, C. 2018 In : Journal of Cleaner Production. 174, p. 538-547
Research output: Research - peer-review › Journal article – Annual report year: 2018

Life cycle inventory modeling of phosphorus substitution, losses and crop uptake after land application of organic waste products
Research output: Research - peer-review › Journal article – Annual report year: 2018

Measuring methane emissions from a UK landfill using the tracer dispersion method and the influence of operational and environmental factors
Research output: Research - peer-review › Journal article – Annual report year: 2018

On-site and ground-based remote sensing measurements of methane emissions from four biogas plants: a comparison study
Research output: Research - peer-review › Journal article – Annual report year: 2018

Optical technologies applied alongside on-site and remote approaches for climate gas emission quantification at a wastewater treatment plant
Research output: Research - peer-review › Journal article – Annual report year: 2018

Regulating landfills using measured methane emissions: an English perspective
Research output: Research - peer-review › Journal article – Annual report year: 2018

Remote sensing quantification of methane emissions from 10 biogas plants in Denmark and Germany
Fredenslund, A. M. & Scheutz, C. 2018
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2018

Test af kompostprodukter og vurdering af komposts generelle anvendelse i biocovertilskudsordningen
Research output: Commissioned › Report – Annual report year: 2018

Treating low strength/high flow landfill gas in an active loaded biofilter
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2018

Validation of landfill methane measurements from an unmanned aerial system: Project SC 160006
Research output: Research - peer-review › Report – Annual report year: 2018

An environmental assessment of landfill gas mitigation, using a biocover system
Research output: Research - peer-review › Article in proceedings – Annual report year: 2017
An MFA-based optimization model for increased resource efficiency: Phosphorus flows in Denmark
Research output: Research - peer-review › Journal article – Annual report year: 2017

Assessment of a combined dry anaerobic digestion and post-composting treatment facility for source-separated organic household waste, using material and substance flow analysis and life cycle inventory
Research output: Research - peer-review › Journal article – Annual report year: 2017

Assessment of a Danish sludge treatment reed bed system and a stockpile area, using substance flow analysis
Research output: Research - peer-review › Journal article – Annual report year: 2017

Assessment of methane production from shredder waste in landfills: The influence of temperature, moisture and metals
Research output: Research - peer-review › Journal article – Annual report year: 2017

Comparative use of different emission measurement approaches to determine methane emissions from a biogas plant
Research output: Research - peer-review › Journal article – Annual report year: 2017

Effects of thermal drying on phosphorus availability from iron-precipitated sewage sludge
Research output: Research - peer-review › Journal article – Annual report year: 2017

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

Evaluating potentials for waste sorting in the Arctic: waste separation studies from Greenland
Kirkelund, G. M., Diez, L., Scheutz, C. & Eisted, R. 2017 Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2017

Gas collection efficiency at two danish landfills
Research output: Research - peer-review › Article in proceedings – Annual report year: 2017

Gas composition of sludge residue profiles in a sludge treatment reed bed between loadings
Research output: Research - peer-review › Journal article – Annual report year: 2017

Greenhouse gas emission quantification from wastewater treatment plants, using a tracer gas dispersion method
Research output: Research - peer-review › Journal article – Annual report year: 2017

Greenhouse gas emissions from the mineralisation process in a Sludge Treatment Reed Bed system: Seasonal variation and environmental impact
Research output: Research - peer-review › Journal article – Annual report year: 2017
Investigating the state of a 6 years old full-scale biocover at a Danish landfill
Research output: Research - peer-review › Article in proceedings – Annual report year: 2017

Måling af den totale metanemission fra Lemvig Biogasanlæg A.m.b.A - januar, 2017
Research output: Commissioned › Report – Annual report year: 2017

Måling af den totale metanemission fra Ribe Biogas A/S – 17. november 2017
Research output: Commissioned › Report – Annual report year: 2017

Måling af den totale metanemission fra Sønderjysk Biogas – 12. december 2017
Research output: Commissioned › Report – Annual report year: 2017

Måling af den totale metanemission fra Thorsø Miljø & Biogas – 16. og 17. november, 2017
Research output: Commissioned › Report – Annual report year: 2017

"Metharmo" is setting the standards - joint european research project develops standards for determining methane emissions from anaerobic digestion plants
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2017

Microbial population dynamics in urban organic waste anaerobic co-digestion with mixed sludge during a change in feedstock composition and different hydraulic retention times
Research output: Research - peer-review › Journal article – Annual report year: 2017

Mitigation of methane emissions in a pilot-scale biocover system at the AV Miljø Landfill, Denmark: 1. System design and gas distribution
Research output: Research - peer-review › Journal article – Annual report year: 2017

Mitigation of methane emissions in a pilot-scale biocover system at the AV Miljø Landfill, Denmark: 2. Methane oxidation
Research output: Research - peer-review › Journal article – Annual report year: 2017

Nitrogen mineralisation and greenhouse gas emission from the soil application of sludge from reed bed mineralisation systems
Research output: Research - peer-review › Journal article – Annual report year: 2017

Quantification of greenhouse gas emissions from a biological waste treatment facility
Research output: Research - peer-review › Journal article – Annual report year: 2017
Quantification of the methane emissions from masons landfill, UK
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2017

Rapid biochemical methane potential prediction of urban organic waste with near-infrared reflectance spectroscopy
Research output: Research - peer-review › Journal article – Annual report year: 2017

Screening method to assess the greenhouse gas mitigation potential of old landfills, based on downwind methane concentration measurements
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2017

Screening tool for landfill gas emission hot spots based on infrared images
Research output: Research - peer-review › Article in proceedings – Annual report year: 2017

Statistical analysis of solid waste composition data: Arithmetic mean, standard deviation and correlation coefficients
Research output: Research - peer-review › Journal article – Annual report year: 2017

The role of metals in methane production from shredder waste in landfills
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2017

Total methane emission from five Icelandic landfills - Quantification using tracer gas dispersion method
Research output: Commissioned › Report – Annual report year: 2017

Total methane loss from biogas plants, determined by tracer dispersion measurements
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2017

Treatment of dilute landfill gas by open biocover systems - column experiments
Research output: Research - peer-review › Article in proceedings – Annual report year: 2017

Assessment of kitchen waste compost from Sisimiut for use as plant growth medium or landfill biocover
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2016

Bedre adgang til næringsstoffer for økologer Rapport fra arbejdsgruppen
Research output: Commissioned › Report – Annual report year: 2017
Characterisation of source-separated organic waste for composting in Sisimiut, Greenland
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2016

Characterisation of the biochemical methane potential (BMP) of individual material fractions in Danish source-separated organic household waste
Research output: Research - peer-review › Journal article – Annual report year: 2016

Co-digestion of food and garden waste with mixed sludge from wastewater treatment in continuously stirred tank reactors
Research output: Research - peer-review › Journal article – Annual report year: 2016

Comparison of the organic waste management systems in the Danish-German border region using life cycle assessment (LCA)
Research output: Research - peer-review › Journal article – Annual report year: 2016

Dynamic bioconversion mathematical modelling and simulation of urban organic waste co-digestion in continuously stirred tank reactor
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2016

Dynamic tracer dispersion method: A tool for measuring the total methane emission from individual Danish landfills
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2016

Dynamic tracer dispersion method: A tool for measuring the total methane emission from individual Danish landfills
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2016

Energy recovery from water and food sector residual resources
Research output: Commissioned › peer-review › Report chapter – Annual report year: 2016

Establishing bio-mitigation systems at landfills for reducing greenhouse gas emission – State-of-the-art
Research output: Research - peer-review › Conference abstract for conference – 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

Etablering og monitering af biocoversystemer på affaldsdeponeringersanlæg - Vidensopsamling: Miljøprojekt nr. 1817, 2016
Research output: Commissioned › Report – Annual report year: 2017

Evaluating Sorting and Reuse Potentials for Household Waste in Sisimiut, Greenland
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2016
Evaluation of a new pulping technology for pre-treating source-separated organic household waste prior to anaerobic digestion
Research output: Research - peer-review › Journal article – Annual report year: 2016

Food waste from Danish households: Generation and composition
Research output: Research - peer-review › Journal article – Annual report year: 2016

Fremstilling af et højværdisubstrat til biogasproduktion ved sampulpning af have/parkaffald og kilde sorting organisk dagrenovation vha. Ecogiteknologien
Research output: Commissioned › peer-review › Report – Annual report year: 2015

Generation of organic waste from institutions in Denmark: case study of the Technical University of Denmark
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2016

Global warming potential of material fractions occurring in source-separated organic household waste treated by anaerobic digestion or incineration under different framework conditions
Research output: Research - peer-review › Journal article – Annual report year: 2016

Impact of Meteorological Parameters on Extracted Methane Concentration at Landfills
Research output: Research - peer-review › Conference abstract for conference – 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

Monitoring af metanemission, vedligeholdelse af biocover og forventninger til stopkriterier
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2016

Optimising the anaerobic co-digestion of urban organic waste using dynamic bioconversion mathematical modelling
Research output: Research - peer-review › Journal article – Annual report year: 2016

Overblik over målemetoder til bestemmelse af metanemission fra deponier
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2016

Physico-chemical characterisation of material fractions in household waste: Overview of data in literature
Götze, R., Boldrin, A., Scheutz, C. & Astrup, T. F. 2016 In : Waste Management. 49, p. 3-14
Research output: Research - peer-review › Journal article – Annual report year: 2016

Physico-chemical characterisation of material fractions in residual and source-segregated household waste in Denmark
Research output: Research - peer-review › Journal article – Annual report year: 2016
Quality of textile waste: a case study of residual household waste from Odense Municipality, Denmark
Research output: Research - peer-review » Conference abstract for conference – Annual report year: 2016

Quantification of greenhouse gas (GHG) emissions from wastewater treatment plants using a ground-based remote sensing approach
Research output: Research - peer-review » Conference abstract in journal – Annual report year: 2016

Quantification of methane emissions from two Danish landfills
Research output: Research - peer-review » Conference abstract for conference – Annual report year: 2016

Sporgasmetoden - erfaringer og usikkerheder
Research output: Research - peer-review » Conference abstract in proceedings – Annual report year: 2016

The Effect of Data Structure and Model Choices on MFA Results: A Comparison of Phosphorus Balances for Denmark and Austria
Research output: Research - peer-review » Journal article – Annual report year: 2016

Udledning af metan og andre klimagasser fra skifergasindvinding
Scheutz, C. 2016 Videnskabelig udredning af international viden om skifergas relateret til en dansk kontekst: DTU, GEUS, DCE. Aarhus Universitet, GEUS og Danmarks Tekniske Universitet, p. 110-118
Research output: Research - peer-review » Commissioned chapter – Annual report year: 2016

Udvikling og anvendelse af screeningsmetode til bestemmelse af 91 deponiers egnethed i forhold til etablering af biocover
Research output: Research - peer-review » Report – Annual report year: 2016

Metanemission fra Hedeland deponi
Research output: Research - peer-review » Report – Annual report year: 2015

Miljøvurdering (LCA) af fremtidige behandlingsmuligheder for organisk affald fra husholdninger i den dansk-tyske grænseregion
Research output: Commissioned - peer-review › Report – Annual report year: 2015

Quantification of methane and nitrous oxide emissions from Borgstedt waste treatment facility, Germany
Research output: Commissioned - peer-review › Report – Annual report year: 2015

Quantification of the methane emission from three UK landfills
Research output: Commissioned - peer-review › Report – Annual report year: 2015

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

Assessment of biogas production from MBT waste under different operating conditions
Research output: Research - peer-review › Journal article – Annual report year: 2015

Co-Digestion of Food Waste and Garden Waste With WTTP Mixed Sludge in CSTR
Research output: Research - peer-review › Poster – Annual report year: 2016

Combined anaerobic digestion of green waste with wastewater treatment plant mixed sludge in continuous stirred tank reactor (CSTR)
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2016

Comparison of the organic waste management systems in the danish-german border region using life cycle assessment
Research output: Research - peer-review › Paper – Annual report year: 2015

Compositional data analysis of household food waste in Denmark
Research output: Research - peer-review › Poster – Annual report year: 2015

Compositional data analysis of household food waste in Denmark
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2015

Data structure in MFA and its effects on results: a comparison of P in Denmark and Austria
Research output: Research - peer-review › Poster – Annual report year: 2015

Development of an innovative uav-mounted screening tool for landfill gas emissions
Research output: Research - peer-review › Article in proceedings – Annual report year: 2015

Development of an innovative uav-mounted screening tool for landfill gas emissions
Research output: Research - peer-review › Conference abstract in proceedings – 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

Energy recovery from garden waste in a LCA perspective
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015

Evaluating the methane generation rate constant (k value) of low-organic waste at Danish landfills
Research output: Research - peer-review › Journal article – Annual report year: 2015

Evaluation and application of site-specific data to revise the first-order decay model for estimating landfill gas generation and emissions at Danish landfills
Research output: Research - peer-review › Journal article – Annual report year: 2015

Food waste generation in office areas at DTU
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015

Håndbog i monitering af gasemission fra danske affaldsdeponier
Research output: Research › Report – Annual report year: 2015

Importance of food waste pre-treatment efficiency for global warming potential in life cycle assessment of anaerobic digestion systems
Research output: Research - peer-review › Journal article – Annual report year: 2015

Landfill gas generation and emission at danish waste disposal sites receiving waste with a low organic waste content
Research output: Research - peer-review › Article in proceedings – Annual report year: 2015

Måling af den totale metanemission fra Affaldscenter Skårup - Renøsyd I/S
Research output: Commissioned - peer-review › Report – Annual report year: 2015

Måling af den totale metanemission fra Affaldscenter Tandskov
Research output: Commissioned - peer-review › Report – Annual report year: 2015

Måling af den totale metanemission fra Audebo Miljøcenter
Research output: Commissioned - peer-review › Report – Annual report year: 2015
Måling af den totale metanemission fra biogasanlægget på BIOFOS Spildevandscenter Avedøre A/S
7 p.
Research output: Commissioned › Report – Annual report year: 2015

Måling af den totale metanemission fra ESØ 90 I/S
Research output: Commissioned - peer-review › Report – Annual report year: 2015

Måling af den totale metanemission fra Frederiksværk losseplads
Research output: Commissioned - peer-review › Report – Annual report year: 2015

Måling af den totale metanemission fra Horsens Bioenergi ApS
Research output: Commissioned › Report – Annual report year: 2015

Måling af den totale metanemission fra Horsens Deponeringsanlæg
Research output: Commissioned - peer-review › Report – Annual report year: 2015

Måling af den totale metanemission fra Klintholm I/S
Research output: Commissioned - peer-review › Report – Annual report year: 2015

Måling af den totale metanemission fra Køge deponi
Research output: Commissioned - peer-review › Report – Annual report year: 2015

Måling af den totale metanemission fra Madsen Bioenergi
Research output: Commissioned › Report – Annual report year: 2015

Måling af den totale metanemission fra Ribe Biogas A/S
Research output: Commissioned › Report – Annual report year: 2015

Measurements of methane emissions from biogas production – Data collection and comparison of measurement methods:
Energiforsk report 2015:158
Research output: Research - peer-review › Report – Annual report year: 2015

Metanemission fra Audebo Losseplads
Research output: Commissioned › Report – Annual report year: 2015
Municipal solid waste composition: Sampling methodology, statistical analyses, and case study evaluation
Research output: Research - peer-review › Journal article – Annual report year: 2015

Occurrence and temporal variation of danish household food waste
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2015

Phosphorus in Denmark: national and regional anthropogenic flows
Research output: Research - peer-review › Journal article – Annual report year: 2015

Quantification of fugitive methane emissions from a landfill in Køge (DK)
Research output: Commissioned › Report – Annual report year: 2015

Quantification of methane emissions from 15 Danish landfills using the mobile tracer dispersion method
Research output: Research - peer-review › Journal article – Annual report year: 2015

Seasonal variation of household food waste in Denmark
Research output: Research - peer-review › Paper – Annual report year: 2015

Source segregation of food waste in office areas: Factors affecting waste generation rates and quality
Research output: Research - peer-review › Journal article – Annual report year: 2015

Suggested guidelines for gas emission monitoring at danish landfills
Research output: Research - peer-review › Article in proceedings – Annual report year: 2015
Assessing methods to estimate emissions of non-methane organic compounds from landfills
Research output: Research - peer-review › Journal article – Annual report year: 2014

Baggrund for gasemission og monitering på danske deponier
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2014

Composition of municipal solid waste in Denmark
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2014

Effects of bioaugmentation on enhanced reductive dechlorination of 1,1,1-trichloroethane in groundwater - a comparison of three sites
Research output: Research - peer-review › Journal article – Annual report year: 2013

Erfaringer med biocovers i Danmark: Fra labforsøg til fuldskalaanlæg
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2014

Estimating household food waste in Denmark: case study of single family households
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2014

Evaluating the biochemical methane potential (BMP) of low-organic waste at Danish landfills
Research output: Research - peer-review › Journal article – Annual report year: 2014

Full-scale quantification of CH4 emissions from wastewater treatment plants and biogas facilities
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2014

Gasmissioner fra danske deponier målt med sporstofmetoder (15 deponier)
Research output: Research - peer-review › Conference abstract in proceedings – 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

Landfill gas generation and emission at Danish waste disposal sites receiving low-organic waste
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2014

Landfill methane emission mitigation – How to construct and document a full-scale biocover system
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
Quantifying methane emission from fugitive sources by combining tracer release and downwind measurements – A sensitivity analysis based on multiple field surveys
13 p.
Research output: Research - peer-review › Journal article – Annual report year: 2014

Reduction of methane emission from landfills using bio-mitigation systems – from lab tests to full scale implementation
Research output: Research - peer-review › Paper – Annual report year: 2014

Site characterization and in-situ remediation in fractured geologic media contaminated by chlorinated solvents
Research output: Research › Conference abstract for conference – Annual report year: 2014

Stable carbon isotope analysis to distinguish biotic and abiotic degradation of 1,1,1-trichloroethane in groundwater sediments
Research output: Research - peer-review › Journal article – Annual report year: 2013

The impact of bioaugmentation on dechlorination kinetics and on microbial dechlorinating communities in subsurface clay till
Research output: Research › Peer review › Journal article – Annual report year: 2014

A conceptual model linking functional gene expression and reductive dechlorination rates of chlorinated ethenes in clay rich groundwater sediment
Research output: Research - peer-review › Journal article – Annual report year: 2013

Biocoversystem reducerer udslip af drivhusgasser fra Klintholm Deponi
Research output: Research › Journal article – Annual report year: 2013

Characterization of household food waste in Denmark
Research output: Research - peer-review › Paper – Annual report year: 2013

Greenhouse gas emissions from five waste water treatment plants
Research output: Research › Report – Annual report year: 2013

Identification of chlorinated solvents degradation zones in clay till by high resolution chemical, microbial and compound specific isotope analysis
Research output: Research - peer-review › Journal article – Annual report year: 2013

Integrated resource management and recovery (IRMAR): a new danish initiative
Research output: Research › Report – Annual report year: 2013

Life Cycle Assessment of pretreatment technologies for anaerobic digestion of source-separated organic household waste
Naroznova, I., Møller, J. & Scheutz, C. 2013 Proceedings Sardinia 2013. CISA Publisher
Research output: Research - peer-review › Article in proceedings – Annual report year: 2013

Life cycle assessment of sewage sludge management: A review
Yoshida, H., Christensen, T. H. & Scheutz, C. 2013 In : Waste Management. 31, 11, p. 1083-1101
Research output: Research - peer-review › Journal article – Annual report year: 2013

Meeting the EU recycling targets by introducing a 2-compartment bin to households
Research output: Research - peer-review › Paper – Annual report year: 2013

Metanemissioner fra deponerne ved Glatved, Odense, Audebo og Avedøre
Research output: Research › Report – Annual report year: 2013

Metanemission fra Ærø Lossplads
Research output: Research › Report – Annual report year: 2013

Metanemission fra Frederiksværk losseplads
Research output: Research › Report – Annual report year: 2013

Metanemission fra Hedeland losseplads
Research output: Research › Report – Annual report year: 2013

Metanemission fra Skovsted losseplads
Research output: Research › Report – Annual report year: 2013

Methane concentrations at Ovnstrupvej 6
Research output: Research › Report – Annual report year: 2013

Mitigation of methane emissions in a pilot-scale biocover system at the av miljø landfill, denmark: quantification of methane oxidation
Research output: Research - peer-review › Article in proceedings – Annual report year: 2013

Mitigation of methane emissions in a pilot-scale biocover system at the av miljø landfill, denmark: system design and gas distribution
Research output: Research - peer-review › Article in proceedings – Annual report year: 2013
Modelling N₂O dynamics in the engineered N cycle: Observations, assumptions, knowns, and unknowns
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2013

Phosphorus, agriculture & organic waste: a Danish P balance
Research output: Research - peer-review › Poster – Annual report year: 2013

Phosphorus, agriculture & organic waste: a Danish P balance
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2013

Quantification of methane emissions from danish landfills
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2013

Review of reactive kinetic models describing reductive dechlorination of chlorinated ethenes in soil and groundwater
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
Bigum, M. K., Petersen, C., Christensen, T. H. & Scheutz, C. 2013 In : Waste Management. 33, 11, p. 2372-2380
Research output: Research - peer-review › Journal article – Annual report year: 2013

A remediation performance model for enhanced metabolic reductive dechlorination of chloroethenes in fractured clay till
Research output: Research - peer-review › Journal article – Annual report year: 2012

Assessment of 1,1,1-TCA Degradation using Stable Carbon Isotope Fractionation
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2012

Assessment of 1,1,1-TCA Degradation using Stable Carbon Isotope Fractionation
Research output: Research - peer-review › Conference abstract for conference – 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

Home composting as an alternative treatment option for organic household waste in Denmark: An environmental assessment using life cycle assessment-modelling
Andersen, J. K., Boldrin, A., Christensen, T. H. & Scheutz, C. 2012 In : Waste Management. 32, 1, p. 31-40
Research output: Research - peer-review › Journal article – Annual report year: 2012

Metanemission fra Klintholm deponi etape 1.1
Research output: Research - peer-review › Report – Annual report year: 2013
Metan emission fra Uggeløse losseplads
Research output: Research › Report – Annual report year: 2013

Methane emission fra Viborg affaldsdeponi
Research output: Research › Report – Annual report year: 2013

Reduktion af metanemissionen fra Klintholm losseplads ved etablering af biocover
Research output: Research - peer-review › Report – Annual report year: 2012

Assessment of 1,1,1-TCA Degradation Using Carbon Isotope Fractionation
Research output: Research - peer-review › Journal article – Annual report year: 2011

Comparison Of Four Landfill Gas Models Using Data From Four Danish Landfills
Research output: Research - peer-review › Article in proceedings – Annual report year: 2011

Development and Sensitivity Analysis of a Fully Kinetic Model of Sequential Reductive Dechlorination in Groundwater
Research output: Research - peer-review › Journal article – 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

Evaluating Gas Emissions From Landfills – Which Methodologies Can Be Used?
Research output: Research - peer-review › Article in proceedings – Annual report year: 2011

Evaluation of respiration in compost landfill biocovers intended for methane oxidation
Research output: Research - peer-review › Journal article – Annual report year: 2011

Extraction of nucleic acids from trichloroethene (TCE) degrading bacteria in extremely clayey groundwater sediments
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2011

Gas production, composition and emission at a modern disposal site receiving waste with a low-organic content
Research output: Research - peer-review › Journal article – Annual report year: 2011

Landfill Top Covers
Greenhouse gas emissions from home composting of organic household waste
Andersen, J. K., Boldrin, A., Christensen, T. H. & Scheutz, C. 2010 In : Waste Management. 30, p. 2475-2482
Research output: Research - peer-review › Journal article – Annual report year: 2010

How do we avoid releases of chlorofluorocarbons (CFCs) from insulation foam waste?
Research output: Research › Conference abstract in proceedings – 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

Mikrobiel dechlorering af TCE - molekylære teknikker til bestemmelse af tilstedeværelse og aktivitet af specifikke nedbrydere
Research output: Research › Article in proceedings – Annual report year: 2010

Nedbrydning af 1,1,1-TCA ved stimuleret reduktiv dechlorering. Treatability-forsøg for lokaliteterne Baldersbækvej, Høje Taastrup Vej og Våsbyvej: Statusnotat + Bilag til Statusnotat
Research output: Research › Report – 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

Reduction of greenhouse gas emissions from landfills by use of engineered bio-covers - experiences from two full-scale systems
Research output: Research › Conference abstract in proceedings – Annual report year: 2010

Release and fate of fluorocarbons in a shredder residue landfill cell: 1. Laboratory experiments
Research output: Research - peer-review › Journal article – Annual report year: 2010

Release and fate of fluorocarbons in a shredder residue landfill cell: 2. Field investigations
Research output: Research - peer-review › Journal article – Annual report year: 2010

Rigorous field demonstrations of enhanced reductive dechlorination in clayey till and a sand aquifer at a Danish test site
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2010

Stimuleret nedbrydning af 1,1,1-trichlorethan forurening i moræneler på 3 danske lokaliteter
Research output: Research › Article in proceedings – Annual report year: 2010
Substitution of peat, fertiliser and manure by compost in hobby gardening: User surveys and case studies
Andersen, J. K., Christensen, T. H. & Scheutz, C. 2010 In : Waste Management. 30, p. 2483-2489
Research output: Research - peer-review » Journal article – Annual report year: 2010

Tracer method to measure landfill gas emissions from leachate collection systems
Research output: Research - peer-review » Journal article – Annual report year: 2010

Biocover: Evaluation of methane oxidation efficiency of biocover systems
Research output: Research » Report – Annual report year: 2009

Biodegradation of Methane and Halocarbons in Simulated Landfill Biocover Systems Containing Compost Materials
Research output: Research » Journal article – Annual report year: 2009

Establishing a biocover system for mitigating methane emissions from an old unlined landfill - baseline studies and biocover construction
Research output: Research » Article in proceedings – Annual report year: 2009

Evaluation of respiration-based CO2 emissions from compost landfill covers
Research output: Research » Article in proceedings – Annual report year: 2009

Greenhouse gases, radiative forcing, global warming potential and waste management – an introduction
Scheutz, C., Kjeldsen, P. & Gentil, E. 2009 In : Waste Management and Research. 27, 8, p. 716-723
Research output: Research » Journal article – Annual report year: 2009

In-situ oprensning af chlorerede opløsningsmidler i moræneler ved stimuleret reduktiv dechlorering
Research output: Research » Conference abstract in proceedings – Annual report year: 2009

In-situ remediation of chlorinated solvents in clayey till by enhanced reductive dechlorination
Research output: Research » Conference abstract in proceedings – Annual report year: 2009

Methods for quantification of GHG emissions from composting of garden waste
Microbial methane oxidation processes and technologies for mitigation of landfill gas emissions

Mitigating methane emissions from landfills using biocovers - lessons learned and future challenges

Nedbrydning af 1,1,1-TCA ved stimuleret reductiv dechlorering: Treatability-forsøg for lokaliteterne: Baldersbækvej, Høje Taastrup Vej og Vásbyvej

The Danish method for emission reporting to PRTR from waste disposal sites

Atmospheric emissions and attenuation of non-methane organic compounds in cover soils at a French landfill

Biocover - Testing improvement strategies

Concurrent ethene generation and growth of Dehalococcoides containing vinyl chloride reductive dehalogenase genes during an enhanced reductive dechlorination field demonstration

Kan vi reducere udslippet af drivhusgasser fra vores lossepladser?

Methods for quantifying gaseous emissions from full-scale windrow composting of garden waste

Reduction of methane emissions from landfills by use of engineered biocover system established at the Fakse Landfill, Denmark
Spatial and temporal variability in load and how it affects total methane oxidation in a field trial biocover window in Fakse, Denmark
Research output: Research › Conference abstract in proceedings – Annual report year: 2008

Stimulated reductive dechlorination of 1,1,1-trichloroethane in mixed chlorinated solvent contamination in clayey till: Integrated treatability tests and field site characterization
Research output: Research › Article in proceedings – Annual report year: 2008

Transport and reaction processes affecting the attenuation of landfill gas in cover soils
Research output: Research - peer-review › Journal article – Annual report year: 2008

Challenges in remediation of low permeability sediments by enhanced reductive dechlorination of chlorinated solvents
Dynamics of reductive TCE dechlorination in two distinct H₂ supply scenarios and at various temperatures

Engineered biocovers - Passive mitigation systems for landfill gas: Status for the demonstration project, BIOCOVER

Forundersøgelser til pilotprojekt om stimuleret reduktiv deklorering

Implementing biocover on Fakse landfill: landfill characterization, gas production modeling and mapping spatial variability in emissions

Investigation of emissions from the AV Miljø Landfill: 1. Gas quantity, quality and attenuation properties

Methane emission quantification from landfills using a double tracer approach

Methane mass balance for AV Miljø - a modern disposal site receiving waste with a low organic content

Oprensning af klorerede opløsningsmidler i moræneler med stimuleret reduktiv deklorering - pilotforsøg: Hovedrapport

Pilotprojekt med stimuleret in situ reduktiv deklorering: Hovedrapport

Pilotprojekt med stimuleret in situ reduktiv deklorering: Bilagsrapport
Release of fluorocarbons from insulation foam in home appliances during shredding
Research output: Research - peer-review › Journal article – Annual report year: 2007

Stimulatoret reduktiv dechlorering: Dokumentation af pilotforsøg. Industrivej 3, Glostrup. Region Hovedstaden, Koncern Miljø
Research output: Research › Report – Annual report year: 2007

Testing a simple and low cost methane emission measurement method
Research output: Research › Article in proceedings – Annual report year: 2007

Anaerob dechlorering: Processer og bakterier
Research output: Research › Article in proceedings – Annual report year: 2006

Anaerob deklorering og oprensning af lavpermeable aflejringer
Research output: Research › Report – Annual report year: 2006

A rigorous field demonstration of stimulated reductive dechlorination and bioaugmentation in clay
Research output: Research › Conference abstract in proceedings – Annual report year: 2006

Biocover - Measurement of spatial variability in emissions
Research output: Research › Report – Annual report year: 2006

Fate of fluorocarbons released from insulation foam waste disposed of in an automotive shredder residue landfill cell
Research output: Research › Conference abstract for conference – Annual report year: 2006

Fate of fluorocarbons released from polyurethane insulation foam waste disposed of in an automotive shredder residue landfill cell
Research output: Research › Article in proceedings – Annual report year: 2006

Field demonstration of biostimulation and bioaugmentation for remediation of chlorinated solvents in a sand aquifer
Research output: Research › Conference abstract for conference – Annual report year: 2006

Field demonstration of stimulated reductive dechlorination and bioaugmentation after hydraulic fracturing inn clayey till

Field measurements of methane emissions and oxidation at a modern disposal site receiving waste with a low organic content
Research output: Research › Conference abstract in proceedings – Annual report year: 2006

Field-scale pilot test evaluating pneumatic fracturing in clayey till: Paper B-03
Research output: Research › Conference abstract in proceedings – Annual report year: 2006

Field-scale pilot test evaluating pneumatic fracturing in clayey till
Research output: Research › Conference abstract in proceedings – Annual report year: 2006

Measuring methane emission rates through leachate collection system at a modern landfill using a small scale tracer release technique
Research output: Research › Conference abstract in proceedings – Annual report year: 2006

Naturlig og stimuleret nedbrydning af 1,1,1-TCA
Research output: Research › Report – Annual report year: 2006

Oprensning af chlorerede opløsningsmidler i moræneler: Betydning af diffusion
Research output: Research › Article in proceedings – Annual report year: 2006

Oprensning af klorerede opløsningsmidler med stimuleret reduktiv deklorering: felterfaringer og perspektivering
Research output: Research › Article in proceedings – Annual report year: 2006

Pilotforsøg med pneumatisk frakturering til oprensning af forurening i moræneler
Research output: Research › Article in proceedings – Annual report year: 2006

Pneumatisk frakturering: Dokumentation af pilotforsøg. Industrivej 3, Glostrup. Københavns Amt
Research output: Research › Report – Annual report year: 2006
Pneumatisk frakturering: Dokumentation af pilotforsøg Vadsbyvej 16A, Hedehusene. Københavns Amt
Research output: Research › Report – Annual report year: 2006

Stimulated in situ reductive dechlorination of TCE in clayey till: Tommerup field pilot test
Research output: Research › Conference abstract in proceedings – Annual report year: 2006

Udbredelse af Dehalococcoider i danske grundvandsakviferer
Research output: Research › Report – Annual report year: 2006

Biodegradation of trace gases in simulated landfill soil cover systems
Research output: Research - peer-review › Journal article – Annual report year: 2005

Biodegradation of trace gases in simulated landfill biocover systems
Research output: Research › Article in proceedings – Annual report year: 2005

Field measurements of methane emissions and oxidation at a modern disposal site receiving waste with a low organic content
Research output: Research › Article in proceedings – Annual report year: 2005

Modelling the behaviour of slowly released organic compounds in landfills
Research output: Research › Article in proceedings – Annual report year: 2005

Protocol for the use of enhanced in situ bioremediation at chlorinated solvent sites in Denmark
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2005

Stimuleret in situ reduktiv deklorering: Videnopsamling og screening af lokaliteter
Research output: Research › Report – Annual report year: 2005

Stimuleret in situ reduktiv deklorering: Videnopsamling og screening af lokaliteter - Appendiksrapport
Research output: Research › Report – Annual report year: 2005

Attenuation of methane and volatile organic compounds in landfill soil covers
Scheutz, C., Mosbæk, H. & Kjeldsen, P. 2004 In : Journal of Environmental Quality. 33, p. 61-71
Capacity for biodegradation of CFCs and HCFCs in a methane oxidative counter-gradient laboratory system simulating landfill soil covers
Scheutz, C. & Kjeldsen, P. 2003 In : Environmental Science and Technology. 37, p. 5143-5149
Research output: Research › Journal article – Annual report year: 2003

Comparative oxidation and net emissions of methane and selected non-methane organic compounds in landfill cover soils
Scheutz, C., Bogner, J., Chanton, J., Blake, D., Morcet, M. & Kjeldsen, P. 2003 In : Environmental Science and Technology. 37, p. 5150-5158
Research output: Research › Journal article – Annual report year: 2003

Field measurement of non-methane organic compound emissions from landfill cover soils
Research output: Research › Article in proceedings – Annual report year: 2003

In situ chemical oxidation of natural organic matter by potassium permanganate: Evaluation of potassium permanganate consumption and oxidation kinetics
Research output: Research › Conference abstract in proceedings – Annual report year: 2003

Release and attenuation of fluorocarbons in landfills
Research output: Research › Article in proceedings – Annual report year: 2003

Release and attenuation of fluorocarbons in landfills
Research output: Research › Article in proceedings – Annual report year: 2003

Short- and long-term releases of fluorocarbons from disposal of polyurethane foam waste
Research output: Research - peer-review › Journal article – Annual report year: 2003

Studies of gas migraiton on a selected landfill in Malaysia
Research output: Research › Article in proceedings – Annual report year: 2003

Attenuation of methane and trace organics in landfill soil covers
Research output: Research › Ph.D. thesis – Annual report year: 2002

Attenuation of non-methane organic compounds in cover soil at a French landfill
Research output: Research › Report – Annual report year: 2002

Attenuation of non-methane organic compounds (NMOCS) in landfill cover soil
Research output: Research › Article in proceedings – Annual report year: 2002
**Determination of the fraction of blowing agent released from refrigerator/freezer foam after decommissioning the product**


Research output: Research › Article in proceedings – Annual report year: 2002

**Methane oxidation and degradation of halocarbons in landfill soil covers**


Research output: Research › Article in proceedings – Annual report year: 2002

**Methane oxidation and biodegradation of halogenated organic compounds in landfill soil covers**


Research output: Research › Article in proceedings – Annual report year: 2001

**Release of fluorocarbons from disposal of insulation foam waste**


Research output: Research › Article in proceedings – Annual report year: 2001

**Methane oxidation and degradation of halogenated organic compounds in landfill gas affected soil**


Research output: Research › Article in proceedings – Annual report year: 2000

**Removal of halogenated organic compounds in landfill gas by top covers containing zero-valent iron**

Scheutz, C., Winther, K. & Kjeldsen, P. 2000 In : Environmental Science and Technology. 34, p. 2557-2563

Research output: Research - peer-review › Journal article – Annual report year: 2000

**Degradation of halogenated organic compounds in landfill top covers using iron metal**


Research output: Research › Article in proceedings – Annual report year: 1999

**Projects:**

Development of innovative remote sensing measurement techniques for quantification of greenhouse gases and ammonia from industrial and agricultural sources

Vechi, N. D. R., Scheutz, C. & Mellqvist, J.

01/12/2018 → 30/11/2021

Project: PhD
Understanding landfill methane emission dynamics as a basis for emission quantification
Kissas, K., Scheutz, C., Ibrom, A. & Kjeldsen, P.
01/12/2018 → 30/11/2021
Project: PhD

Quantification of trace gas emissions from waste management facilities
Duan, Z., Kjeldsen, P. & Scheutz, C.
Stipendie fra udlændet
01/11/2016 → 31/10/2019
Project: PhD

Miljøvurdering af indsamling, genanvendelse og bortskaffelse af tøj, og tekstilaffald
Nørup, N., Scheutz, C., Damgaard, A., Pihl, K. A., Christensen, T. H., Laitala, K. & Laner, D.
Industrial PhD
15/01/2015 → 17/02/2019
Project: PhD

Whole gaseous emission measurements from waste treatment facilities / Gasemissionsmålinger fra affaldshåndteringssystemer
Mønster, J., Scheutz, C., Kjeldsen, P., Boldrin, A., Oonk, J. & Imhoff, P. T.
1/3 DTU-stip, 2/3 FUR/andet
01/06/2010 → 27/08/2014
Project: PhD

Optimization of greenhouse gas mitigation af landfills
Fathi Aghdam, E., Kjeldsen, P., Scheutz, C., Damgaard, A., Oonk, J. & Gregory, R. G.
Samfinansierede - Virksomhed
01/01/2015 → 20/06/2018
Project: PhD

Development of innovative landfill gas management technologies
Fjelsted, L., Kjeldsen, P., Christensen, A. G., Scheutz, C., Damgaard, A., Barlaz, M. A. & Gregory, R. G.
Industrial PhD
01/10/2014 → 22/01/2019
Project: PhD

Full-scale quantification of greenhouse gas emissions from wastewater treatment plants
Delre, A., Scheutz, C., Mønster, J., Ibrom, A., Allen, G. & Thomsen, M.
Samfinansieret - Andet
15/12/2013 → 21/03/2018
Project: PhD

Partitioning between heterotrophic and autotrophic forest respiration by means of stable isotopes
Offentlig finansiering
01/03/2014 → 30/09/2017
Project: PhD

Reduktion af gasemission fra lossepladser i reaktive barrierer
Scheutz, C., Kjeldsen, P., Christensen, T. H., Höhener, P. & Stegmann, R.
DTU-lønnet stipendie
01/08/1998 → 10/01/2003
Project: PhD

Gas Generation and Emissions from Decomposition of Organic Wastes at Full-Scale Waste Treatment Facilities
Andersen, J. K., Scheutz, C., Christensen, T. H., Kjeldsen, P., Jönsson, H. & Kranert, M.
DTU-lønnet stipendie
01/09/2007 → 21/12/2010
Project: PhD

Fremtidens integrerede indsamling af affald
Larsen, A. W., Christensen, T. H., Scheutz, C., Bilitewski, B. & Björklund, A.
DTU-lønnet stipendie
01/01/2006 → 11/11/2009
Project: PhD

Defining Quality Indicators in Waste Management
Merrild, H. K., Christensen, T. H., Scheutz, C., Hansen, J. A. & Salhofer, S.
DTU-lønnet stipendie
01/02/2005 → 01/07/2009
Project: PhD

Reduction of Methane Emissions from Landfills by Use of Engineered Biocovers
Pedersen, G. B., Kjeldsen, P., Scheutz, C., Christensen, T. H., Gebert, J. & Rintala, J. A.
DTU-lønnet stipendie
01/09/2004 → 25/06/2010
Project: PhD

PhD Project 12 - Life cycle assessment of special and hazardous waste types and fractions
1/3 DTU-stip, 2/3 FUR/andet
01/06/2009 → 26/01/2015
Project: PhD

Life cycle assessment of energy technologies and energy systems
Turconi, R., Astrup, T. F., Scheutz, C., Olsen, S. I. & Powers, S. E.
Technical University of Denmark
01/09/2010 → 04/06/2014
Project: PhD

Gad generation and emission at waste disposal sites receiving low organic waste
1/3 DTU-stip, 2/3 FUR/andet
01/09/2010 → 01/12/2014
Project: PhD

Systematic quantification of biogas potential in urban organic waste
Samfinansieret - Andet
15/11/2013 → 26/04/2017
Project: PhD

Environmental assessment of biowaste management in the Danish-german border region
Jensen, M. B., Scheutz, C., Möller, J., Boldrin, A., Kirkeby, J. S. & Hansson, P.
Ansat eksternt
01/10/2012 → 21/04/2016
Project: PhD

Composition of waste materials and recyclables
Götz, R., Astrup, T. F., Boldrin, A., Scheutz, C., Kjeldsen, P., Riber, C. & Grosso, M.
Technical University of Denmark
01/10/2012 → 21/04/2016
Project: PhD
Municipal organic waste management
Naroznova, I., Scheutz, C., Møller, J., Boldrin, A., La Cour Jansen, J., Hansen, T. L. & La Cour Jansen, J.
Technical University of Denmark
15/09/2012 → 22/03/2016
Project: PhD

LCA model for sewage sludge - an EASEWASTE extension
Yoshida, H., Scheutz, C., Christensen, T. H., Damgaard, A., Jönsson, H. & Hansen, T. L.
1/3 DTU-stip, 2/3 FUR/andet
01/01/2011 → 19/12/2014
Project: PhD

Composition of municipal solid waste in Denmark
Technical University of Denmark
01/09/2012 → 01/09/2016
Project: PhD

Environmental Assessment of Sewage Sludge Management - Focusing on Sludge Treatment Reed Beds
Larsen, J. D., Scheutz, C., Pilegaard, K., Nielsen, S. M., Molle, P. & Headley, T.
Industrial PhD
01/08/2013 → 30/09/2017
Project: PhD

Quantification and critical analysis of resource flows in Denmark
Technical University of Denmark
01/09/2012 → 29/09/2016
Project: PhD

Life cycle assessment of waste management: Assessing technical externalities
Brogaard, L. K., Christensen, T. H., Scheutz, C., Eriksson, O. N. & Olsen, S. I.
1/3 DTU-stip, 2/3 FUR/andet
01/09/2009 → 18/09/2013
Project: PhD

Life cycle assessment of emerging waste-to-energy technologies
Technical University of Denmark
01/05/2009 → 27/03/2013
Project: PhD

Environmentally Sustainable Utilization of Waste Resources for Energy Production
Fruergaard, T., Christensen, T. H., Scheutz, C., Olsen, S. I. & Tillman, A.
1/3 DTU-stip, 2/3 FUR/andet
01/08/2006 → 21/04/2010
Project: PhD

Reduction of Greenhouse Gas Emissions from Landfills by use of Engineered Biocovers: Full Scale Studies
Fredenslund, A. M., Kjeldsen, P., Scheutz, C., Christensen, T. H., Börjesson, G. & Poulsen, T.
DTU, Samfinansiering
01/01/2006 → 26/05/2010
Project: PhD

Pilotprojekt til et frivilligt måleprogram for metanudledning fra biogas - og opgraderings anlæg.
Fredenslund, A. M. & Scheutz, C.
09/10/2015 → 20/11/2015
Project: Research
AVMiljø-Biocover: Reduktion af methanemission fra AVMiljø ved opbygning af biocover system. Forstudie
Skov, B. H., Scheutz, C. & Kjeldsen, P.
Ukendt
01/12/2008 → 01/07/2009
Project: Research

SET 5 PhD: Sustainable Environmental Technology. Application for 5 fellowships
Ukendt
01/10/2009 → 30/09/2013
Project: Research

1094: Undersøgelser af gasproduktion og emission på Ugerløse Losseplads
Scheutz, C.
Ukendt
15/12/2009 → 15/02/2010
Project: Research

908: Development of method for reporting emissions from waste disposal sites to the PRTR-register
Scheutz, C. & Kjeldsen, P.
Ukendt
01/12/2007 → 31/12/2008
Project: Research

792: Degradation of 1,1,1-TCA
Scheutz, C., Broholm, M. M. & Bjerg, P. L.
Ukendt
01/05/2007 → 31/12/2007
Project: Research

337: Development of remediation technologies for chlorinated solvents
Ukendt
05/12/2002 → 31/12/2006
Project: Research

340: Evaluation of the attenuation of (NMOCs) in the top cover of Grand’Landes landfill
Scheutz, C. & Kjeldsen, P.
Ukendt
01/08/2002 → 01/11/2003
Project: Research

303: Enhanced bioremediation of groundwater contaminants
Scheutz, C., Albrechtsen, H., Bjerg, P. L., Jakobsen, R. & Henriksen, K. B.
Ukendt
01/01/2000 → 31/12/2006
Project: Research

311: Attenuation of alternative foam blowing agents in landfill
Scheutz, C. & Kjeldsen, P.
Ukendt
01/03/2002 → 01/01/2004
Project: Research

Kærgård Plantage-afværge: Afværgestrategi for Kærgård Plantage.
Bjerg, P. L. & Scheutz, C.
Biocover: BIOCOVER. "Reduction of Greenhouse Gas Emission from European Landfills by use of Engineered Biocovers".
Kjeldsen, P., Fredenslund, A. M., Søndergaard, G. L., Scheutz, C., Kjeldsen, P. & Kjeldsen, P.
Forsk. EU - Rammeprogram
01/08/2005 → 31/10/2008
Project: Research

Bjerg, P. L., Jakobsen, R. & Scheutz, C.
Sam.arb.aftaler - Amter og kommuner
15/09/2004 → 01/05/2005
Project: Research

433: Udvikling af deponeringsanlægget AV-Miljø - Et dynamisk samarbejde mellem AV-Miljø og Miljø & Ressourcer DTU.
Scheutz, C., Kjeldsen, P., Christensen, T. H., Pedersen, G. B. & Nedenskov, J.
Sam.arb.aftaler, Private danske - Andre virksomheder
01/05/2004 → 31/12/2005
Project: Research

371: Release of volatile trace gases from waste materials
Scheutz, C. & Kjeldsen, P.
01/09/1999 → 01/01/2004
Project: Research

548: Forundersegelser i forbindelse med projekt til belysning af stimuleret in-situ reduktiv deklorering som afværgemetode overfor forurening med klorerede opløsningsmidler i moræneler på Rugårdsvej 234, O
Ukendt
01/12/2004 → 30/06/2006
Project: Research

Kbh. Amt, del B, Anaerob dechlorering: Development of microbially mediated remediation technologies and remediation of low permeable settings (AND)
Bjerg, P. L., Broholm, M. M., Christensen, S. B., Hansen, M. H., Scheutz, C. & Christiansen, C.
Ukendt
01/03/2005 → 31/12/2006
Project: Research

Determining the fraction of blowing agent released from refrigerator/freezer foam after decommissioning the product
Kjeldsen, P. & Scheutz, C.
13/12/2000 → 30/06/2001
Project: Research

Attenuation of non methane organic compounds (NMOCs) in landfill gas
Kjeldsen, P. & Scheutz, C.
01/01/1995 → 31/08/2001
Project: Research

Activities:

Development and validation of a method for determining VOCs by using mutli-sorbent tubes and ATD-GC-MS
Duan, Z. (Guest lecturer), Kjeldsen, P. (Panel member), Scheutz, C. (Panel member)
4 Sep 2018 → 7 Sep 2018
Remote sensing quantification of methane emissions from 10 biogas plants in Denmark and Germany
Fredenslund, A. M. (Guest lecturer), Scheutz, C. (Guest lecturer)
14 May 2018
Activity: Talks and presentations › Conference presentations

Remote sensing quantification of methane emissions from 10 biogas plants in Denmark and Germany
Fredenslund, A. M. (Guest lecturer), Scheutz, C. (Guest lecturer)
4 May 2018
Activity: Talks and presentations › Conference presentations

Brancheindsats for at minimere metantab. Kvantificering - metoder og usikkerhed
Fredenslund, A. M. (Guest lecturer), Scheutz, C. (Guest lecturer)
13 Mar 2018
Activity: Talks and presentations › Talks and presentations in private or public companies and organisations

Press clippings:

Hvor meget metan udleder danske biogasanlæg
Anders Michael Fredenslund & Charlotte Scheutz
11/06/2018
1 media contribution
Press/Media: Press / Media