Publications:

**Challenges to a circular economy – the presence of impurities in wood waste for recycling**  
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2017

**Domain Specific Language for Modeling Waste Management Systems**  
Publication: Research › Ph.D. thesis – Annual report year: 2017

**Environmental assessment of presence of impurity materials and chemical pollutants in wood waste meant for recycling**  
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2017

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

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

**Evaluation of Externality Costs in Life-Cycle Optimization of Municipal Solid Waste Management Systems**  
Publication: Research - peer-review › Journal article – Annual report year: 2017

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

**Linking Data Choices and Context Specificity in Life Cycle Assessment of Waste Treatment Technologies: A Landfill Case Study**  
Publication: Research - peer-review › Journal article – Annual report year: 2017

**What type of shopping bag to use? Perspectives on the functionality and recycling of polymers**  
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2017

**Influence of data choices in Life Cycle Assessment of waste management systems**  
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2016

**Life cycle assessment as development and decision support tool for wastewater resource recovery technology**  
Publication: Research - peer-review › Journal article – Annual report year: 2016

**Life cycle assessment modelling considering impurities in recyclable materials**  
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2016
Livscyklusscreening af affaldsforebyggelse: Emballageaffald og bygge- og anlægsaffald
Publication: Commissioned › Report – Annual report year: 2016

Quality of textile waste: a case study of residual household waste from Odense Municipality, Denmark
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2016

Range of technology choices in life cycle assessment of environmental treatment technologies: An example of a solid waste landfill model
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2016

State-of-the-Art Solid Waste Management Life-Cycle Modeling Workshop
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2016

The Efficiency of Informality: Quantifying Greenhouse Gas Reductions from Informal Recycling in Bogotá, Colombia
Publication: Research - peer-review › Journal article – Annual report year: 2015

The link between data choices and reality in life cycle assessment modelling of waste management technologies
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2016

Analysis of material recovery facilities for use in life-cycle assessment
Publication: Research - peer-review › Journal article – Annual report year: 2015

Assessment of co-composting of sludge and woodchips in the perspective of environmental impacts (EASETECH)
Publication: Research - peer-review › Journal article – Annual report year: 2015

Capabilities for modelling of conversion processes in LCA
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015

Capabilities For Modelling Of Conversion Processes In Life Cycle Assessment
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2015

Challenges in plastics recycling
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Climate Benefits of Material Recycling: Inventory of Average Greenhouse Gas Emissions for Denmark, Norway and Sweden
Publication: Research - peer-review › Report – Annual report year: 2015

Life Cycle Assessment as Decision Support Tool for Development of a Resourse Recovery Technology
Publication: Research - peer-review › Poster – Annual report year: 2015

Life cycle assessment as decision support tool in early stage development of a new technology for wastewater resource recovery
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015

Life cycle assessment modelling considering uncertainty – the more robust Recommendation
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2015

Life cycle assessment modelling of new technologies considering uncertainty
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015
Life cycle assessment of shredder residue management
Publication: Commissioned › Report – 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
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2015

Livscyklusvurdering af behandling af deponeret shredderaffald
Publication: Commissioned › Report – Annual report year: 2016

Quantification of regional leachate variance from municipal solid waste landfills in China
Publication: Research - peer-review › Journal article – Annual report year: 2015

Quantifying uncertainty in sustainability assessments: from feedstock to end-of-life
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015

Recent LCA Developments In Waste Management
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Role of data quality in assessment of the sustainability of technologies
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015

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

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

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

Environmental impact assessment on the construction and operation of municipal solid waste sanitary landfills in developing countries: China case study
Publication: Research - peer-review › Journal article – Annual report year: 2014

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

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

Municipal solid waste conversion to transportation fuels: a life-cycle estimation of global warming potential and energy consumption
Publication: Research - peer-review › Journal article – Annual report year: 2014

The Role of Time Dependency In Life Cycle Assessment of Landfills – Accounting for Sinks and Releases
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2014

Waste management in the Irkutsk Region, Siberia, Russia: Environmental assessment of current practice focusing on landfilling
Publication: Research - peer-review › Journal article – Annual report year: 2014
EASETECH - A Dedicated Waste Management LCA-Model
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2013

EASETECH Energy: Life Cycle Assessment of current and future Danish power systems
Publication: Research - peer-review › Paper – Annual report year: 2013

Integrated resource management and recovery (IRMAR): a new danish initiative
Publication: Research - peer-review › Paper – Annual report year: 2013

LCA af genbrug af mursten
Publication: Commissioned › Report – Annual report year: 2014

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

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

A new modeling framework for environmental assessment of waste and energy systems
Publication: Research - peer-review › Poster – Annual report year: 2013

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

Boundaries matter: Greenhouse gas emission reductions from alternative waste treatment strategies for California's municipal solid waste
Publication: Research - peer-review › Journal article – Annual report year: 2011

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

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

Recycling of Metals
Publication: Research - peer-review › Book chapter – Annual report year: 2011

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

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

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

Models for waste life cycle assessment: Review of technical assumptions
Publication: Research - peer-review › Journal article – Annual report year: 2010
Life-cycle assessment of the municipal solid waste management system in Hangzhou, China (EASEWASTE)
Publication: Research - peer-review › Journal article – Annual report year: 2009

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

Recycling of paper: Accounting of greenhouse gases and global warming contributions
Publication: Research - peer-review › Journal article – Annual report year: 2009

Life cycle assessment of waste paper management: The importance of technology data and system boundaries in assessing recycling and incineration
Publication: Research - peer-review › Journal article – Annual report year: 2008

Experience with the use of LCA-modelling (EASEWASTE) in waste management
Publication: 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
Publication: Research › Article in proceedings – Annual report year: 2007

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

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

Projects:

Characterization and recycling of waste fractions from recycling centers
Project: PhD

Characterization of recyclable materials in household waste
Project: PhD

Data quality in LCA of waste management: importance for result interpretation and result decision making
Project: PhD

Miljøvurdering af indsamling, genanvendelse og bortskaffelse af tøj, og tekstilaffald
Project: PhD

Sustainable assessment of full chain bioenergy production
Project: PhD

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

Gød generation and emission at waste disposal sites receiving low organic waste
Project: PhD

Implementation of LCA-models in Waste Management
Project: PhD
Activities:

8th Conference of the International Society for Industrial Ecology
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

8th Intercontinental Landfill Research Symposium
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.