Research outputs:

**Learning-by-doing: experience from 20 years of teaching LCA to future engineers**
Research output: Research - peer-review › Journal article – Annual report year: 2019

**Spatially explicit fate factors of waterborne nitrogen emissions at the global scale**
Research output: Research - peer-review › Journal article – Annual report year: 2018

**Characterization of waterborne nitrogen emissions for marine eutrophication modelling in life cycle impact assessment at the damage level and global scale**
Research output: Research - peer-review › Journal article – Annual report year: 2017

**Modelling the influence of changing climate in present and future marine eutrophication impacts from spring barley production**
Research output: Research - peer-review › Journal article – Annual report year: 2016

**Contribution of waterborne nitrogen emissions to hypoxia-driven marine eutrophication: modelling of damage to ecosystems in life cycle impact assessment (LCIA)**

**Effect factors for marine eutrophication in LCIA based on species sensitivity to hypoxia**
Research output: Research - peer-review › Journal article – Annual report year: 2016

**How to consistently make your product, technology or system more environmentally-sustainable?**
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2016

**Spatial differentiation in environmental impact assessment: how to properly estimate impacts from agricultural use of fertilizers**
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2016

**Spatial differentiation of marine eutrophication damage indicators based on species density**
Research output: Research - peer-review › Journal article – Annual report year: 2016

**A marine eutrophication impacts assessment method in LCIA coupling coastal ecosystems exposure to nitrogen and species sensitivity to hypoxia**
Research output: Research › Conference abstract for conference – Annual report year: 2015

**A teaching and communication tool based on DPSIR and LCIA indicator for marine eutrophication**
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2015

**Coupling ecosystems exposure to nitrogen and species sensitivity to hypoxia: modelling marine eutrophication in LCIA**
Research output: Research › Conference abstract for conference – Annual report year: 2015

**Exposure factors for marine eutrophication impacts assessment based on a mechanistic biological model**
Research output: Research - peer-review › Journal article – Annual report year: 2015

**From nitrogen enrichment to oxygen depletion: a mechanistic model of coastal marine ecosystems response**
Research output: Research › Conference abstract for conference – Annual report year: 2015
From species sensitivity to hypoxia to effect factors modelling in life cycle impact assessment (LCIA)
Research output: Research › peer-review › Conference abstract for conference – Annual report year: 2016

Marine eutrophication impacts from present and future production of spring barley
Research output: Research › peer-review › Article in proceedings – Annual report year: 2015

Marine eutrophication impacts from present and future production of spring barley
Research output: Research › peer-review › Conference abstract in proceedings – Annual report year: 2015

Merging marine eutrophication, LCA and DPSIR into a learning tool for sustainability
Research output: Research › peer-review › Conference abstract for conference – Annual report year: 2015

The Glasgow consensus on the delineation between pesticide emission inventory and impact assessment for LCA
Research output: Research › peer-review › Journal article – Annual report year: 2015

Coupling habitat exposure to nitrogen and species sensitivity to hypoxia – LCIA methodology applied to marine eutrophication
Research output: Research › peer-review › Conference abstract for conference – Annual report year: 2014

Estimation of Effect Factors for application to marine eutrophication in LCIA
Research output: Research › peer-review › Conference abstract in proceedings – Annual report year: 2014

Estimation of Effect Factors for application to marine eutrophication in LCIA
Research output: Research › Sound/Visual production (digital) – Annual report year: 2014

Large Marine Ecosystems and coastal water archetypes implemented in LCIA methods for marine eutrophication and metals ecotoxicity
Research output: Research › peer-review › Poster – Annual report year: 2014

Parameterisation of LCI/LCIA models of agricultural systems emissions under future pressures
Research output: Research › peer-review › Poster – Annual report year: 2014

Pursuing an ecological component for the Effect Factor in LCIA methods
Research output: Research › peer-review › Poster – Annual report year: 2014

Spatially-explicit LCIA model for marine eutrophication as a tool for sustainability assessment
Research output: Research › peer-review › Conference abstract in proceedings – Annual report year: 2014

The DPSIR approach applied to marine eutrophication in LCIA as a learning tool
Research output: Research › peer-review › Poster – Annual report year: 2014

Endpoint characterisation modelling for marine eutrophication in LCIA
Research output: Research › peer-review › Conference abstract in proceedings – Annual report year: 2013

Endpoint characterisation modelling for marine eutrophication in LCIA
Research output: Research › Sound/Visual production (digital) – Annual report year: 2013

Final evaluation of the newly developed characterisation and normalisation factors in an LCA case study - Paper production and printing
Research output: Research › Report – Annual report year: 2013
Recommended assessment framework, method and characterisation and normalisation factors for ecosystem impacts of eutrophying emissions: phase 3 (report, model and factors)
Research output: Research - peer-review › Report – Annual report year: 2013

Spatially-explicit LCIA endpoint model for marine eutrophication and application to future climatic-driven pressures
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2013

Spatially-explicit LCIA endpoint model for marine eutrophication and application to future climatic-driven pressures
Research output: Research › Sound/Visual production (digital) – Annual report year: 2013

Projects:

Impacts of waterbone nitrogen emissions to hypoxia-driven marine eutrophication: modelling of damage to ecosystems in life cycle impact assessment (LCIA)
Project: PhD

LC-IMPACT: Development and application of environmental Life Cycle Impact assessment Methods for imProved sustAinability Characterisation of Technologies
Project: Research

Activities:

Learning by doing – Experience from 20 years of teaching LCA to future engineers
Activity: Talks and presentations › Talks and presentations in private or public companies and organisations

Technical Advisory Group (TAG) on Livestock Environmental Assessment and Performance (LEAP) Partnership (External organisation)
Activity: Membership › Membership of research networks or expert groups

ICES Annual Science Conference 2015
Activity: Attending an event › Participating in or organising a conference

ASLO Aquatic Sciences Meeting 2015
Activity: Attending an event › Participating in or organising a conference

Department of Management Engineering (Organisational unit)
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

DTU Sustain Conference 2014
Activity: Attending an event › Participating in or organising a conference

IARU Sustainability Science Congress
Activity: Attending an event › Participating in or organising a conference

SETAC Europe 24th Annual Meeting
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Pesticides emissions modeling in LCA
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.
Department of Management Engineering (Organisational unit)
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

All at Sea 2013: An integrated approach to research in the coastal zone
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

SETAC Europe 23rd Annual Meeting
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Towards consensus about the delimitation between life cycle inventory and impact assessment in LCAs with pesticide and fertilizer use
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.