Research outputs:

**Dipole vortices in the Great Australian Bight**
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research › peer-review

**Spreading of sediment due to underwater blasting and dredging: Field observations from quay Construction in Sisimiut, Greenland**
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research › peer-review

**Deep primary production in coastal pelagic systems: importance for ecosystem functioning**
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research › peer-review

**Localised mixing and heterogeneity in the plankton food web in a frontal region of the Sargasso Sea: implications for eel early life history?**
Research output: Contribution to journal › Journal article – Annual report year: 2014 › Research › peer-review

**Removal of snow cover inhibits spring growth of Arctic ice algae through physiological and behavioral effects**
Research output: Contribution to journal › Journal article – Annual report year: 2014 › Research › peer-review

**Estuarine morphometry governs optically active substances, \( K_d(PAR) \) and beam attenuation: assessments from a tropical ria and a temperate coastal plain estuary**
Research output: Contribution to journal › Journal article – Annual report year: 2013 › Research › peer-review

**Jokulhlaups and sediment transport in Watson River, Kangerlussuaq, West Greenland**
Research output: Contribution to journal › Journal article – Annual report year: 2013 › Research › peer-review

**Observations of runoff and sediment and dissolved loads from the Greenland Ice Sheet at Kangerlussuaq, West Greenland, 2007 to 2010**
Research output: Contribution to journal › Journal article – Annual report year: 2012 › Research › peer-review

**Photobiology of sea ice algae during initial spring growth in Kangerlussuaq, West Greenland: Insights from imaging variable chlorophyll fluorescence of ice cores**
Research output: Contribution to journal › Journal article – Annual report year: 2012 › Research › peer-review

**Distribution and trophic links of gelatinous zooplankton on Dogger Bank, North Sea**
Research output: Contribution to journal › Journal article – Annual report year: 2012 › Research › peer-review

**Kangerluarsuk Ungalleq - et makroskala-studium af fremtidige klimaeffekter i det arktiske marine miljø**
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2011 › Research

**Økologi i tropernes flodmundinger: Kultursystem med moderat 'naturindflydelse': Eksempelstudie fra et sydvietnamesisk estuarie**
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2011 › Research

**Towards an adaptive model for simulating growth of marine mesozooplankton: A macromolecular perspective**
Research output: Contribution to journal › Journal article – Annual report year: 2011 › Research › peer-review
A Decoupled Fjord-ocean System - Observations And Modelling Of Kangerlussuaq, Greenland
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2010 › Research › peer-review

Fyrtårnsprojekt III - afsluttende rapport 2009
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2010 › Research › peer-review

Introduction to University Of The Arctic's Thematic Network on Arctic Engineering And Science
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2010 › Research › peer-review

Low-density flocs in an Arctic fjord, Kangerlussuaq, West Greenland
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2010 › Research › peer-review

Optical properties of a tropical estuary during wet and dry conditions in the Nha Phu estuary, Khanh Hoa Province, southeast Vietnam
Research output: Contribution to journal › Journal article – Annual report year: 2010 › Research › peer-review

Sediment structures in Kangerlussuaq (Sdr. Strømfjord), West Greenland: A preliminary study of the deposition and erosion of sediments and slide structures
Research output: Contribution to conference › Poster – Annual report year: 2010 › Research

Suspended Matter, Chl-a, CDOM, Grain Sizes, and Optical Properties in the Arctic Fjord-Type Estuary, Kangerlussuaq, West Greenland During Summer
Research output: Contribution to journal › Journal article – Annual report year: 2010 › Research › peer-review

Water masses in Kangerlussuaq, a large fjord in West Greenland: the processes of formation and the associated foraminiferal fauna
Research output: Contribution to journal › Journal article – Annual report year: 2010 › Research › peer-review

Observations and effects of internal hydraulic control in the Danish waters
Research output: Non-textual form › Sound/Visual production (digital) – Annual report year: 2009 › Research

Sedimentation of fine-grained particles in the arctic fjord Kangerlussuaq – modeling and observations
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2009 › Research

The Climate Record in Kangerlussuaq
Research output: Non-textual form › Sound/Visual production (digital) – Annual report year: 2009 › Research

The Lighthouse Project in Sarfannguaq
Research output: Non-textual form › Sound/Visual production (digital) – Annual report year: 2009 › Research

University of the Arctic’s Thematic Network on Arctic Engineering and Science
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2009 › Research › peer-review

A consistent high primary production and chlorophyll-a maximum in a narrow strait – effects of hydraulic control
Research output: Contribution to journal › Journal article – Annual report year: 2008 › Research › peer-review

Attenuation, absorption, scattering, and high reflectance in the glacio-marine Kangerlussuaq Fjord, West Greenland
Research output: Contribution to journal › Journal article – Annual report year: 2008 › Research › peer-review
Feasibility study for small-scale hydropower in Sarfannguaq, West Greenland
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2008 › Research

Forskningsprojekt fra idé til virkelighed
Research output: Non-textual form › Sound/Visual production (digital) – Annual report year: 2008 › Education

Klimaets fodspor i mudderet
Research output: Contribution to journal › Journal article – Annual report year: 2008 › Communication

Mega-banker i Great Australian Bight; økologi eller fysik
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2008 › Research

Nutrient and phytoplankton dynamics influenced by hydraulic control in the Little Belt, Denmark
Research output: Contribution to journal › Journal article – Annual report year: 2008 › Research › peer-review

Oceanographic conditions in the Great Australian Bight. Leg 8 of the Galathea 3 Expedition, November 2006
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2008 › Research

Physical oceanographic conditions and recent foraminifera in Kangerlussuaq, in large fjord in West Greenland
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2007 › Research

Recent foraminifera and physical oceanographic conditions in Kangerlussuaq, in large fjord in West Greenland
Research output: Contribution to conference › Poster – Annual report year: 2007 › Research

A consistent high primary production and chlorophyll-a maximum in a narrow strait – Effects of hydraulic control
Research output: Contribution to conference › Poster – Annual report year: 2006 › Research

Fyrtånsbygd - 083 Sarfannguaq: Forprojekt
Research output: Book/Report › Report – Annual report year: 2006 › Research

Physical oceanographic conditions in West Greenland with reference to environmental issues
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2006 › Research

The influence of hydraulic control on nutrient and phytoplankton dynamics in the Little Belt
Research output: Contribution to conference › Poster – Annual report year: 2006 › Research

Transport and hydraulically-induced recycling of phosphorous in the North Sea-Baltic Sea transition zone
Research output: Contribution to journal › Journal article – Annual report year: 2006 › Research › peer-review

Udnyttelse af vedvarende energikilder: Vandkraft
Research output: Contribution to conference › Paper – Annual report year: 2006 › Research

Vind- og solprojekt i Uummannap Kommunia: Forprojekt
Research output: Book/Report › Report – Annual report year: 2006 › Research

Chlorophyll maximum in the Little Belt – the effect of hydraulic control?
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2005 › Research
Havets græsmark vokser ujævnt: Om strøm og algevækst i Lillebælt
Research output: Contribution to journal › Journal article – Annual report year: 2005 › Communication

Hydraulic control in the Little Belt – indications and effects
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2005 › Research

Mixing and entrainment in hydraulically-driven, stratified sill flows
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2005 › Research › peer-review

The influence of the hydrography on the transport of nutrients in the Little Belt
Research output: Contribution to conference › Poster – Annual report year: 2005 › Research

The Little Belt 2004
Research output: Book/Report › Report – Annual report year: 2005 › Research › peer-review

Intern hydraulisk kontrol og blanding i Øresund og Lillebælt
Research output: Non-textual form › Sound/Visual production (digital) – Annual report year: 2004 › Research

Mixing and entrainment in hydraulically driven stratified sill flows
Research output: Contribution to journal › Journal article – Annual report year: 2004 › Research › peer-review

Mixing and entrainment in hydraulically-driven, stratified sill flows
Research output: Non-textual form › Sound/Visual production (digital) – Annual report year: 2004 › Research

Mixing and entrainment in hydraulically-driven, stratified sill flows
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2004 › Research

Strøm, blanding og primær-produktion i Lillebælt
Research output: Non-textual form › Sound/Visual production (digital) – Annual report year: 2004 › Research

Evidence for internal hydraulic control in the northern Øresund
Research output: Contribution to journal › Journal article – Annual report year: 2001 › Research › peer-review

Modelling thermal stratification in the North Sea: Application of a 2-D potential energy model
Research output: Contribution to journal › Journal article – Annual report year: 2001 › Research › peer-review

Rotational Baroclinic Adjustment: Surface Fronts in the Kattegat
Research output: Book/Report › Book – Annual report year: 1998 › Research › peer-review

Projects:

Overfladefronters dynamik og biologi
Project: PhD

Fate and distribution of mine tailings in marine sediments – a pilot study on the effects of geochemistry and organisms
Project: Research

The coupling between the dynamics and the biology in the North Sea
Project: Research
Climate Change: Adapting to The Impacts, by Communities in Northern Peripheral Regions
Project: Research

Dynamics of the seas and straits around Denmark
Project: Research

The hydraulics of channels influenced by rotation of the earth
Project: Research

The dynamics of large baroclinic currents
Project: Research