Publications:

**Dipole vortices in the Great Australian Blight**  
Publication: Research - peer-review › Journal article – Annual report year: 2015

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

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

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

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

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

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

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

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

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

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

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

**Towards an adaptive model for simulating growth of marine mesozooplankton: A macromolecular perspective**  
Publication: Research - peer-review › Journal article – Annual report year: 2011

**A Decoupled Fjord-ocean System - Observations And Modelling Of Kangerlussuaq, Greenland**  
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2010
The influence of the hydrography on the transport of nutrients in the Little Belt
Publication: Research › Poster – Annual report year: 2005

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

Intern hydraulisk kontrol og blanding i Øresund og Lillebælt
Publication: Research › Sound/Visual production (digital) – Annual report year: 2004

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

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

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

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

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

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

Projects:

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

Erosion, transport og aflejring af glaciale sedimenter ved Kangerlussuaq, Grønland
Project: PhD

Hydro Power Potentials in Southern Greenland
Project: PhD

Climate Change : Adapting to The Impacts, by Communities in Northern Peripheral Regions
Project

Dynamics of the seas and straits around Denmark
Project

The coupling between the dynamics and the biology in the North Sea
Project
The dynamics of large baroclinic currents
Project

The hydraulics of channels influenced by rotation of the earth
Project

Overfladefronter dynamik og biologi
Project: PhD