Publications:

**Dynamiske brugerstyrede havkort til værdiløft af dansk industrifiskeri (GUDP-VIND)**
Publication: Research › Conference abstract for conference – Annual report year: 2017

**Effects of acoustic telemetry transmitters on gill ventilation rate and haematocrit levels of round goby Neogobius melanostomus**
Publication: Research - peer-review › Journal article – Annual report year: 2017

**Erfaringsopsamling med kirurgisk implantering af akustiske transmitter i sortmundet kutling (Neogobius melanostomus)**
Publication: Research › Conference abstract for conference – Annual report year: 2017

**Erfaringsopsamling med kirurgisk implantering af akustiske transmitter i sortmundet kutling**
Publication: Research › Conference abstract for conference – Annual report year: 2017

**Evaluating dispersal potential of an invasive fish by the use of aerobic scope and osmoregulation capacity**
Publication: Research - peer-review › Journal article – Annual report year: 2017

**Fremadrettet forvaltning af tobisfiskeriet i Nordsøen - Hjælp os med at forvalte tobis?**
Publication: Research › Poster – Annual report year: 2017

**If you can’t beat them, eat them: using acoustic telemetry to develop an economically viable fishery for the highly invasive round goby (Neogobius melanostomus)**
Publication: Research › Conference abstract for conference – Annual report year: 2017

**Mærkningsmetode for små fisk: Et casestudie med kysttobis (Ammodytes tobianus)**
Publication: Research › Conference abstract for conference – Annual report year: 2017

**PIT-tagging method for small fishes: A case study using sandeel (Ammodytes tobianus)**
Publication: Research - peer-review › Journal article – Annual report year: 2017

**Productivity and recovery of forage fish under climate change and fishing: North Sea sandeel as a case study**
Publication: Research - peer-review › Journal article – Annual report year: 2017

**Shifts in North Sea forage fish productivity and potential fisheries yield**
Publication: Research - peer-review › Journal article – Annual report year: 2017

**Sortmundet kutling: Invasionen fra Sortehavet fortsætter**
Publication: Communication › Journal article – Annual report year: 2017
Tagging method for small fishes: A case study using lesser sandeel (Ammodytes tobianus)
Publication: Research › Conference abstract for conference – Annual report year: 2017

Take it with a grain of salt; salinity tolerance of round goby Neogobius melanostomus
Publication: Research › Poster – Annual report year: 2017

Using accelerometry to quantify prey attack and handling behaviours in piscivorous pike Esox lucius
Publication: Research - peer-review › Journal article – Annual report year: 2017

Will salinity hinder the ongoing northward dispersal of the invasive round goby into the oceanic North Sea?
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2017

Documentation on key drivers and physiological tolerance limits for resident and invasive species: Report: BIO-C3 Deliverable, D1.2
Publication: Research › Report – Annual report year: 2016

Marine ecosystem connectivity mediated by migrant–resident interactions and the concomitant cross-system flux of lipids
Publication: Research - peer-review › Journal article – Annual report year: 2016

Myfish : Maximising yield of fisheries while balancing ecosystem, economic and social concerns: Legacy booklet
Publication: Communication › Book – Annual report year: 2016

Adfærd hos torsk på et kunstigt stenrev i et baglokale på den Blå Planet
Publication: Research › Conference abstract for conference – Annual report year: 2015

Beyond ocean connectivity: embracing advances on early life stages and adult connectivity to assessment and management challenges
Publication: Research › Conference abstract for conference – Annual report year: 2015

Connectivity, growth and survival in a spatially structured fish population, which is currently managed as seven separate stock units
Publication: Research › Poster – Annual report year: 2015

Effects of copepod size on fish growth: A model based on data for North Sea sandeel
Publication: Research - peer-review › Journal article – Annual report year: 2015

Estimering af zooplankton dødelighed i en 3D økosystemmodel ved at anvende en rumlig- og tidlig varierende fiskeprædation
Publication: Research › Conference abstract for conference – Annual report year: 2015

GOFORIT: IntelliGent Oceanographically – based short-term fishery FORecasting applications
Publication: Research › Conference abstract for conference – Annual report year: 2015

Invasion rate and population characteristics of the invasive round goby Neogobius melanostomus: effects of density and invasion history
Publication: Research - peer-review › Journal article – Annual report year: 2015

Korttidsprognoser for kortlivede industriiskind under MSY – forvaltning af tobis i Nordsøen
Publication: Research › Report – Annual report year: 2015
Larval grazing on zooplankton from a spatial model of the North Sea larval community
Publication: Research › Conference abstract for conference – Annual report year: 2015

Long-term effects of an offshore wind farm in the North Sea on fish communities
Publication: Research - peer-review › Journal article – Annual report year: 2015

RevFisk – et projekt som kvantificerer stenrevs betydning for fisk
Publication: Research › Poster – Annual report year: 2015

RevFisk – et projekt som kvantificerer stenrevs (et lavtliggende stenrev i den fotiske zone og et dybere liggende stenrev i den afotiske zone) betydning for fisk
Publication: Research › Conference abstract for conference – Annual report year: 2015

Salinity tolerance and correlated physiology of the invasive round goby Neogobius melanostomus
Publication: Research › Conference abstract for conference – Annual report year: 2015

What is MSY when stock productivity shifts? A worked example from the North Sea
Publication: Research › Conference abstract for conference – Annual report year: 2015

Does copepod size determine food consumption of particulate feeding fish?
Publication: Research - peer-review › Journal article – Annual report year: 2013

Ecosystem-based management objectives for the North Sea: riding the forage fish rollercoaster
Publication: Research - peer-review › Journal article – Annual report year: 2013

Forage fish, their fisheries, and their predators: who drives whom?
Publication: Research - peer-review › Journal article – Annual report year: 2013

How does prey quality affect life-history traits under different temperature regimes?
Publication: Research › Conference abstract for conference – Annual report year: 2014

Prey or predator – expanding the food web role of sandeel (Ammodytes marinus)
Publication: Research - peer-review › Journal article – Annual report year: 2014

Trading yield against precautionarity and the need for stability in the fishing sector
Publication: Research › Conference abstract for conference – Annual report year: 2014

Zooplankton mortality in 3D ecosystem modelling considering variable spatial–temporal fish consumptions in the North Sea
Publication: Research - peer-review › Journal article – Annual report year: 2014

Can IBMs tell us why some cod undertake vertical (feeding) migrations into hypoxic waters?
Publication: Research › Conference abstract for conference – Annual report year: 2013

Excess post hypoxic oxygen consumption in Atlantic cod (Gadus morhua)
Publication: Research - peer-review › Journal article – Annual report year: 2013

Fish benefits from offshore wind farm development
Publication: Research › Book chapter – Annual report year: 2012

Havvindmølleparker og deres indflydelse på fisk - et casestudy fra Horns Rev havvindmøllepark
Publication: Research › Conference abstract for conference – Annual report year: 2013
Patchy zooplankton grazing and high energy conversion efficiency: ecological implications of sandeel behavior and strategy
Publication: Research - peer-review › Journal article – Annual report year: 2013

Growth and survival of larval and early juvenile lesser sandeel in patchy prey field in the North Sea: An examination using individual-based modelling
Publication: Research - peer-review › Journal article – Annual report year: 2012

Modelling the mixing of herring stocks between the Baltic and the North Sea from otolith data
Publication: Research › Paper – Annual report year: 2012

Offshore windfarms and their impact on fish abundance and community structure
Publication: Research › Paper – Annual report year: 2012

Short-term and long-term effects of an offshore wind farm on three species of sandeel and their sand habitat
Publication: Research - peer-review › Journal article – Annual report year: 2012

Critical threshold size for overwintering sandeels (Ammodytes marinus)
Publication: Research - peer-review › Journal article – Annual report year: 2011

Effect of the Horns Rev 1 Offshore Wind Farm on Fish Communities. Follow-up Seven Years after Construction: Follow-up Seven Years after Construction
Publication: Commissioned › Report – Annual report year: 2012

Primary versus secondary drivers of foraging activity in sandeel schools (Ammodytes tobianus)
Publication: Research - peer-review › Journal article – Annual report year: 2011

Growth and survival of larval and early juvenile lesser sandeel in patchy prey field in the North Sea: An examination using individual-based modelling
Publication: Research › Poster – Annual report year: 2010

Overwintering strategy of sandeel ecotypes from an energy/predation trade-off perspective
Publication: Research - peer-review › Journal article – Annual report year: 2010

The life-cycle of sandeel - adaptations to a seasonal environment, from the perspective of a forage fish
Publication: Research › Ph.D. thesis – Annual report year: 2010

Adaptive foraging behaviour and the role of the overwintering strategy
Publication: Research › Article in proceedings – Annual report year: 2009

A spatially and temporally explicit analysis of beam-trawling on sandeel fishing grounds in the North Sea
Publication: Research › Report – Annual report year: 2009

Recruitment of lesser sandeel Ammodytes marinus in relation to density dependence and zooplankton composition
Publication: Research - peer-review › Journal article – Annual report year: 2009

Sandeel (Ammodytes marinus) recruitment in relation to density dependence and zooplankton composition
Publication: Research › Poster – Annual report year: 2009

Time series analysis of intrinsic and extrinsic drivers of sandeel recruitment in the North Sea with emphasize on species specific Calanus copepod abundances and population density dependence
Application of a tag parasite, Anisakis sp. indicates a common feeding migration for some genetically distinct neighbouring populations of herring, Clupea harengus

Improved advice for the mixed herring stocks in the Skagerrak and Kattegat: EU Rolling Programme; FISH/2004/03

A pilot-study: Evaluating the possibility that Atlantic herring (Clupea harengus L.) exerts a negative effect on lesser sandeel (Ammodytes marinus) in the North Sea, using IBTS- and TBM-data

Projects:

Creating the scientific foundation for alternative ways of managing North Sea sandeel
Project: PhD

Ballast water - Tool for supporting the delimitation of a "same risk area" (39348)
Project

Sustainable use of the invasive round goby in favour for the fishery and the environment (SORTMUND) (39336)
Project

Forward management of sandeel in the North Sea (39316)
Project

Intelligent oceanographically-based short-term fishery forecasting applications (GOFORIT) (39270)
Project

Dynamic user-driven marine e-maps for the advancement of Danish industrial fisheries (GUPD-VIND) (39246)
Project

Ecophysiology of great feasts in nature
Project

Round goby – need for collaborative science and management in Nordic and Baltic countries (39171)
Project

Boulder reefs as spawning and nursery areas for fish (RevFisk) (39144)
Project

Short-term projections for short-lived species managed under MSY: Management of the sandeel stock in the North Sea (39148)
Project

Analysis of measures for increased stability in the industrial fisheries (39027)
Project

Maximizing yield of fisheries while balancing ecosystem, economic and social concerns (MYFISH) (38850)
Project
Effect of the Horns Rev 1 offshore wind farm on fish communities (38734 and 38735)
Project

Incorporating extrinsic drivers into fisheries management (IN EX FISH) (38188)
Project

Danish Network for Aquaculture and Fisheries Research (FISHNET) (38082)
Project

Activities:

ICES - Herring Assessment Working Group for the Area South of 62ºN - HAWG (External organisation)
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

ICES - Workshop to consider reference points for all stocks - WKMSYREF (External organisation)
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

ICES - Herring Assessment Working Group for the Area South of 62ºN - HAWG (External organisation)
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

ICES - Symposium on "Forage fish interactions: Creating the tools for ecosystem based management of marine resources" (External organisation)
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

ICES - Working Group on the Assessment of Demersal Stocks in the North Sea and Skagerrak - WGNSSK (External organisation)
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar