Research outputs:

**Individual variation in aerobic scope affects modeled vertical foraging migration in Atlantic cod Gadhus morhua, but only in moderate hypoxia**
Research output: Research - peer-review › Journal article – Annual report year: 2018

**Oceanographic flow-regime and fish recruitment - reversed circulation in the North Sea coincides with unusual strong sandeel recruitment**
Research output: Research - peer-review › Journal article – Annual report year: 2018

**Productivity and recovery of forage fish under climate change and fishing: North Sea sandeel as a case study**
Research output: Research - peer-review › Journal article – Annual report year: 2018

**Shifts in North Sea forage fish productivity and potential fisheries yield**
Research output: Research - peer-review › Journal article – Annual report year: 2018

**Dynamiske brugerstyrede havkort til værdiløft af dansk industrifiskeri (GUDP-VIND)**
Research output: 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**
Research output: Research - peer-review › Journal article – Annual report year: 2017

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

**Erfaringsopsamling med kirurgisk implantering af akustiske transmittere i sortmundet kutling**
Research output: 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**
Research output: Research - peer-review › Journal article – Annual report year: 2017

**Fremadrettet forvaltning af tobisfiskeriet i Nordsøen - Hjælp os med at forvalte tobis?**
Research output: 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)**
Research output: Research › Conference abstract for conference – Annual report year: 2017
Mærkningsmetode for små fisk: Et casestudie med kysttobis (Ammodytes tobianus)
Research output: Research › Conference abstract for conference – Annual report year: 2017

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

Sortmundet kutling: Invasionen fra Sørtehavet fortsætter
Research output: Communication › Journal article – Annual report year: 2017

Tagging method for small fishes: A case study using lesser sandeel (Ammodytes tobianus)
Research output: Research › Conference abstract for conference – Annual report year: 2017

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

Using accelerometry to quantify prey attack and handling behaviours in piscivorous pike Esox lucius
Research output: 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?
Research output: Research › Conference abstract for conference – Annual report year: 2017

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

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

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

Adfærd hos torsk på et kunstigt stenrev i et baglokale på den Blå Planet
Research output: 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
Research output: 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
Research output: Research › Poster – Annual report year: 2015

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

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

GOFORIT: IntelliGent Oceanographically – based short-term fishery FOREcasting applications
Research output: 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
Research output: Research - peer-review › Journal article – Annual report year: 2015

Korttidsprognoser for kortlivede industrifisk under MSY – forvaltning af tobis i Nordsøen
Research output: Research › Report – Annual report year: 2015

Larval grazing on zooplankton from a spatial model of the North Sea larval community
Research output: Research › Conference abstract for conference – Annual report year: 2015

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

RevFisk – et projekt som kvantificerer stenrevs betydning for fisk
Research output: 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
Research output: Research › Conference abstract for conference – Annual report year: 2015

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

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

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

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

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

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

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

Trading yield against precautionarity and the need for stability in the fishing sector
Research output: 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
Research output: Research - peer-review › Journal article – Annual report year: 2014

Can IBMs tell us why some cod undertake vertical (feeding) migrations into hypoxic waters?
Research output: Research › Conference abstract for conference – Annual report year: 2013
Excess post hypoxic oxygen consumption in Atlantic cod (Gadus morhua)
Research output: Research - peer-review › Journal article – Annual report year: 2013

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

Havvindmølleparker og deres indflydelse på fisk - et casestudy fra Horns Rev havvindmøllepark
Research output: Research › Conference abstract for conference – Annual report year: 2013

Patchy zooplankton grazing and high energy conversion efficiency: ecological implications of sandeel behavior and strategy
Research output: 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
Research output: 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
Research output: Research › Paper – Annual report year: 2012

Offshore windfarms and their impact on fish abundance and community structure
Research output: 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
Research output: Research - peer-review › Journal article – Annual report year: 2012

Critical threshold size for overwintering sandeels (Ammodytes marinus)
Research output: 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
Research output: Commissioned › Report – Annual report year: 2012

Primary versus secondary drivers of foraging activity in sandeel schools (Ammodytes tobianus)
Research output: 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
Research output: Research › Poster – Annual report year: 2010

Overwintering strategy of sandeel ecotypes from an energy/predation trade-off perspective
Research output: 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
Research output: Research › Ph.D. thesis – Annual report year: 2010

Adaptive foraging behaviour and the role of the overwintering strategy
Research output: 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
Research output: Research › Report – Annual report year: 2009
Recruitment of lesser sandeel Ammodytes marinus in relation to density dependence and zooplankton composition
Research output: Research - peer-review › Journal article – Annual report year: 2009

Sandeel (Ammodytes marinus) recruitment in relation to density dependence and zooplankton composition
Research output: 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
Research output: Research › Article in proceedings – Annual report year: 2008

Application of a tag parasite, Anisakis sp. indicates a common feeding migration for some genetically distinct neighbouring populations of herring, Clupea harengus
Research output: Research - peer-review › Journal article – Annual report year: 2007

Improved advice for the mixed herring stocks in the Skagerrak and Kattegat: EU Rolling Programme; FISH/2004/03
Research output: Commissioned › Report – Annual report year: 2007

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
Research output: Research › Report – Annual report year: 2006

Projects:

Development of management models for fish stocks (39415)
Project: Research

Maintaining a sustainable sprat fishery in the North Sea (BEBRIS) (39548)
Project: Research

Brown shrimp fishery in the North Sea (39418)
Project: Research

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

Ecophysiology of great feasts in nature
Project: Research

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

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

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

Short-term projections for short-lived species managed under MSY: Management of the sandeel stock in the North Sea (39148)
Project: Research
Dynamic user-driven marine e-maps for the advancement of Danish industrial fisheries (GUPD-VIND) (39246)
Project: Research

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

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

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

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

Maximizing yield of fisheries while balancing ecosystem, economic and social concerns (MYFISH) (38850)
Project: Research

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

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

Effect of the Horns Rev 1 offshore wind farm on fish communities (38734 and 38735)
Project: Research

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