Research outputs:

**Growth and food consumption of whiting Merlangius merlangus**
Research output: Research - peer-review › Journal article – Annual report year: 2018

**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

**Biomasser af alger og hårdbundsfauna samt produktion af fiskeføde på et naturligt stenrev**
Research output: Research › Conference abstract for conference – Annual report year: 2017

**Diel vertical interactions between Atlantic cod Gadus morhua and sprat Sprattus sprattus in a stratified water column**
Research output: Research › Journal article – Annual report year: 2017

**Diet composition and food consumption rate of harbor porpoises (Phocoena phocoena) in the western Baltic Sea**
Research output: Research › Journal article – Annual report year: 2017

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

**An important step towards accurate estimation of diet composition and consumption rates for the harbor porpoise (Phocoena phocoena)**
Research output: Research › Journal article – Annual report year: 2016

**Modelling gastric evacuation in gadoids feeding on crustaceans**
Research output: Research › Journal article – Annual report year: 2016

**Species interactions in the western Baltic Sea: With focus on the ecological role of whiting**

**The diet of whiting Merlangius merlangus in the western Baltic Sea**
Research output: Research › Journal article – Annual report year: 2016

**The influence of feeding behaviour on growth of Atlantic cod (Gadus morhua, Linnaeus, 1758) in the North Sea**
Research output: Research › Journal article – Annual report year: 2016

**Digesting in hypoxia: impact on gastric evacuation rate and postprandial metabolism (SDA) of Atlantic cod, Gadus morhua**
Research output: Research › Conference abstract for conference – Annual report year: 2015
Management of fishery: Importance of fish food web dynamics in coupling of multispecies and bio-economic fisheries management evaluation models
Research output: Research › Conference abstract for conference – Annual report year: 2015

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

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

Importance of food web dynamics in coupling of multispecies models and bio-economic fisheries management evaluation models
Research output: Research › Poster – Annual report year: 2014

Does whiting play a central role in the food web of the western Baltic Sea?
Research output: Research › Conference abstract for conference – Annual report year: 2013

Editorial on writing equations and mathematical expressions: Some basic principles
Research output: Research - peer-review › Editorial – Annual report year: 2013

How important is whiting in the western Baltic Sea ecosystem?
Research output: Research › Conference abstract for conference – Annual report year: 2013

Prey exoskeletons influence the course of gastric evacuation in Atlantic cod Gadus morhua
Research output: Research - peer-review › Journal article – Annual report year: 2013

Does the cylinder model of gastric evacuation predict observed evacuation of mixed meals of prey of contrasting geometries in a piscivorous fish?
Research output: Research - peer-review › Journal article – Annual report year: 2012

Influences of potential predictor variables on gastric evacuation in Atlantic cod Gadus morhua L. feeding on fish prey: parameterization of a generic model
Research output: Research - peer-review › Journal article – Annual report year: 2011

Optimization of fisheries resource exploitation in the Skagerrak (Oskar)
Research output: Research › Report – Annual report year: 2012

Recovery of gastric evacuation rate in Atlantic cod Gadus morhua L. surgically implanted with a dummy telemetry devic
Research output: Research - peer-review › Journal article – Annual report year: 2011

The REX-project: Cod at ship wrecks in the North Sea – residence and effect of environmental factors
Research output: Research › Conference abstract for conference – Annual report year: 2011

Hvordan optimerer vi udnyttelsen af fiskeressourcerne
Research output: Communication › Contribution to newspaper - Newspaper article – Annual report year: 2010
Spatial differences in natural mortality of North Sea gadoids
Research output: Research › Paper – Annual report year: 2010

Spatially-explicit management methods for North Sea cod – a Danish fishermen science collaboration (REX):
Fisker/forsker samarbejdet REX om Nordsø torsk - REX III report FERV, June 2010
Research output: Research › Report – Annual report year: 2010

The effects of swimming pattern on the energy use of gilthead seabream (Sparus aurata L.)
Research output: Research › peer-review › Journal article – Annual report year: 2010

The OSkar project: a collaborative fishermen-scientist project on "Optimizing sustainable use of fish resources in the Skagerrak"
Research output: Research › Poster – Annual report year: 2010

The REX project: a collaborative fishermen-scientist project on the geographical distribution of Atlantic cod in the northeastern part of the central North Sea
Research output: Research › Poster – Annual report year: 2010

Time matters: post-surgical recovery of gastric evacuation rate in Atlantic cod
Research output: Research › Poster – Annual report year: 2010

Are the dynamics of gastric evacuation of natural prey in a piscivorous flatfish different from what is going on in a gadoid?
Research output: Research › peer-review › Journal article – Annual report year: 2009

At vrage eller ikke at vrage - torskens valg på skibsvrag
Research output: Communication › Contribution to newspaper - Newspaper article – Annual report year: 2009

Behaviour of large Atlantic cod at ship wrecks and similar rough bottom structures in the north-eastern part of the central North Sea
Research output: Research › Article in proceedings – Annual report year: 2009

Cod at shipwrecks in the North Sea-residence and effect of environmental factors
Research output: Research › Poster – Annual report year: 2009

Cod spatial dynamics and vertical movements in European waters and implications for fishery management (CODYSSEY)
Research output: Research › Report – Annual report year: 2009

Feeding behaviour and habitat use of Atlantic cod in the north-eastern part of the central North Sea
Research output: Research › Poster – Annual report year: 2009

Hvor er torskene og hvad har de gang i?
Research output: Communication › Contribution to newspaper - Newspaper article – Annual report year: 2009

Miljøfaktorer styrer store torsks ophold på vrag
Research output: Communication › Contribution to newspaper - Newspaper article – Annual report year: 2009

The REX project: a collaborative fishermen-scientist project on the geographical distribution of Atlantic cod in the north-eastern part of the central North Sea
Research output: Research › Poster – Annual report year: 2009

Dusør for mærkede torsk
Research output: Communication › Contribution to newspaper - Newspaper article – Annual report year: 2008
Life-history constraints on the success of the many small eggs reproductive strategy
Research output: Research - peer-review › Journal article – Annual report year: 2008

Precision of ingestion time and evacuation predictors for individual prey in stomachs of predatory fishes
Research output: Research - peer-review › Journal article – Annual report year: 2008

Predicting ingestion times of individual prey from information about stomach contents of predatory fishes in the field
Research output: Research - peer-review › Journal article – Annual report year: 2008

REX II - Fase 2: Fisker-forsker samarbejde om forsøgsfiskeri efter torsk i Nordsøen
Research output: Research - Report – Annual report year: 2008

REX-projektet: Mærkning af gydetorsk i Nordsøen/Skagerrak
Research output: Communication › Contribution to newspaper - Newspaper article – Annual report year: 2008

Torskeadfærd og bøjer i bevægelse
Research output: Communication › Contribution to newspaper - Newspaper article – Annual report year: 2008

How are prey fishes of multiple meals evacuated from the stomach of a piscivorous fish?
Research output: Research - peer-review › Journal article – Annual report year: 2007

Hvad torskemaven gemmer
Research output: Communication › Contribution to newspaper - Newspaper article – Annual report year: 2007

The relationship between caudal differential pressure and activity of Atlantic cod: a potential method to predict oxygen consumption of free-swimming fish
Research output: Research - peer-review › Journal article – Annual report year: 2007

The effect of external dummy transmitters on oxygen consumption and performance of swimming Atlantic cod
Research output: Research - peer-review › Journal article – Annual report year: 2006

Gastric evacuation of mixed stomach contents in predatory gadoids: an expanded application of the square root model to estimate food rations
Research output: Research - peer-review › Journal article – Annual report year: 2005

Mechanistic modelling of gastric evacuation in predatory gadoids applying the square root model to describe surface-dependent evacuation
Research output: Research - peer-review › Journal article – Annual report year: 2005

Tail beat frequency as a predictor of swimming speed and oxygen consumption of saithe (Pollachius virens) and whiting (Merlangius merlangus) during forced swimming
Research output: Research - peer-review › Journal article – Annual report year: 2005

Alternative model structures for bioenergetics budgets of a cruising predatory gadoid: Incorporating estimates of food conversion and costs of locomotion
Research output: Research - peer-review › Journal article – Annual report year: 2004

The effects of food consumption rate, body size and temperature on net conversion efficiency in saithe and whiting
Research output: Research - peer-review › Journal article – Annual report year: 2003
Food consumption and activity of North Sea saithe (Pollachius virens)
Research output: Research › Report – Annual report year: 2002

A gastric evacuation model for three predatory gadoids and implications of using pooled field data of stomach contents to estimate food rations
Research output: Research - peer-review › Journal article – Annual report year: 2001

Bestemmelse af føde-rationer hos rovfisk - en sej omgang
Research output: Research › Journal article – Annual report year: 2000

Consumption rates of predatory fish relevant for multispecies assessment in the North Sea and the Atlantic off Spain and Portugal (CORMA): Final Report
Research output: Research › Report – Annual report year: 2000

Food consumption and activity of North Sea saithe (Pollachius virens)
Research output: Research › Conference article – Annual report year: 2000

The effects of predator size, temperature, and prey characteristics on gastric evacuation in whiting
Research output: Research - peer-review › Journal article – Annual report year: 1999

The effect of meal size on gastric evacuation in whiting
Research output: Research - peer-review › Journal article – Annual report year: 1998

Food consumption rate of whiting and cod for use in multispecies assessment: Final report
Research output: Research › Report – Annual report year: 1995

Modelling gastric evacuation without meal size as a variable. A model applicable for the estimation of daily ration of cod (Gadus morhua L.) in the field
Research output: Research - peer-review › Journal article – Annual report year: 1994

Growth and body composition of turbot (Scophthalmus maximus (L.)) in relation to different lipid protein ratios in the diet
Research output: Research - peer-review › Book chapter – Annual report year: 1993

Hvillingens føde
Research output: Research › Journal article – Annual report year: 2001

Stability in fish feed and bioavailability to rainbow trout of two ascorbic acid forms
Research output: Research - peer-review › Journal article – Annual report year: 1990

Extensive rearing of turbot larvae (Scophthalmus maximus L.)
Research output: Research - peer-review › Book chapter – Annual report year: 1989

A surgical method for implanting transmitters with sensors into the body cavity of cod (Gadus morhua L.)
Research output: Research - peer-review › Journal article – Annual report year: 1985

Depletion rates of gastrointestinal content in common goby (Pomatoschistus microps (Kr.))
Research output: Research - peer-review › Journal article – Annual report year: 1984

Projects:

Development of management models for fish stocks (39415)
Project: Research
Brown shrimp fishery in the North Sea (39418)
Project: Research

Effects of seal-related liver worm on Baltic cod growth and mortality (39411)
Project: Research

From science to innovation in the Nephrops fishery to comply with the Common Fisheries Policy: development of an optimal and flexible selection system for trawl by use of new technology and underutilized fish behaviour (39375)
Project: Research

Tagging Baltic cod (TABACOD) (39333)
Project: Research

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

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

Process integration into multispecies and ecosystem models: Resulting ecological, economic and social trade off (PRIME TRADE OFFS) (39324)
Project: Research

Integrating spatial processes into ecosystem models for sustainable utilization of fish resources (INSPIRE) (39118)
Project: Research

Environmental effects on the availability of shallow and deep water hake to the demersal trawl survey in the Namibian waters
Project: PhD

Rekruttering af brisling
Project: PhD

The effect of habitats on the distribution and behaviour of flatfish and cod
Project: PhD

Comparative growth and feeding ecology between whiting (Merlangius merlangus) in the Baltic Sea and the North Sea
Project: PhD

Study on stomach content of fish to support the assessment of good environmental status of marine food webs and the prediction of MSY after stock restoration (Open call for tenders No MARE/2012/02) (39036)
Project: Research

Geographical distribution of fish resources and optimizing of fishery practice in the north-eastern North Sea (RESOURCE) (38878)
Project: Research

Optimizing the exploitation of fishery resources in Skagerrak (OSKAR) (38720)
Project: Research
Spatially-explicit management methods for North Sea cod – a Danish fishermen-science collaboration (REX, REX II, REX III) (38430, 38431, 38541)
Project: Research

Activities:

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