Publications:

Analysis of marine protected areas – in the Danish part of the North Sea and the Central Baltic around Bornholm: Part 1: The coherence of the present network of MPAs
Publication: Research › Report – Annual report year: 2018

Analysis of marine protected areas – in the Danish part of the North Sea and the Central Baltic around Bornholm: Part 2: Ecological and economic value, human pressures, and MPA selection
Publication: Research › Report – Annual report year: 2018

Fouragerings-strategi hos ådselædende slimål i Kattegat
Publication: Research › Poster – Annual report year: 2017

Hvordan påvirker bundtrawlfiskeriet Kattegats bundfauna? En analyse af ændringer i densitet og artsrigdom og en diskussion af potentielle indikatorer
Publication: Research › Conference abstract for conference – Annual report year: 2017

Lost in translation? Multi-metric macrobenthos indicators and bottom trawling
Publication: Research - peer-review › Journal article – Annual report year: 2017

Scavenging strategies of hagfish in the Kattegat
Publication: Research › Poster – Annual report year: 2017

Unplanned ecological engineering
Publication: Research - peer-review › Comment/debate – Annual report year: 2017

Assumptions behind size-based ecosystem models are realistic: Comment
Publication: Research - peer-review › Journal article – Annual report year: 2016

Differences in density-dependence drive dual offspring size strategies in fish
Publication: Research - peer-review › Journal article – Annual report year: 2016

Fiskeri efter søstjerner i Limfjorden. Fagligt grundlag for en forvaltningsplan
Publication: Research › Report – Annual report year: 2016

Methods for the study of marine biodiversity
Publication: Research - peer-review › Book chapter – Annual report year: 2016
Size spectra and species diversity in the sea
Publication: Research › Conference abstract for conference – Annual report year: 2014

Technological development in fisheries management
Publication: Research - peer-review › Journal article – Annual report year: 2014

The Baltic ATLANTIS model: Implementing a holistic framework to evaluate ecosystem wide responses to changes in climate and anthropogenic forcing
Publication: Research › Poster – Annual report year: 2014

The consequences of balanced harvesting of fish communities
Publication: Research - peer-review › Journal article – Annual report year: 2013

The marine diversity spectrum
Publication: Research - peer-review › Journal article – Annual report year: 2014

Does functional redundancy stabilize fish communities?
Publication: Research - peer-review › Journal article – Annual report year: 2013

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

En revision af traditionelle koncepter i fiskeriet. Er balanceret fiskeri en mulig forvaltningsstrategi?
Publication: Research › Conference abstract for conference – Annual report year: 2013

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

Population structure of Atlantic Mackerel (Scomber scombrus)
Publication: Research - peer-review › Journal article – Annual report year: 2013

Does functional redundancy stabilize fish communities?
Publication: Research › Paper – Annual report year: 2012

Evolutionary assembly rules for fish life histories
Publication: Research - peer-review › Journal article – Annual report year: 2012

Explaining growth variation over large spatial scales: Effects of temperature and food on walleye growth
Publication: Research › Conference abstract in proceedings – Annual report year: 2012

North Sea mackerel or mackerel in the North (Sea)?
Publication: Research › Ph.D. thesis – Annual report year: 2013

Torsk og klima: Hvordan påvirker klimaændringerne torsken i Nordsøen?
Publication: Education › Other contribution – Annual report year: 2012

Apocalypse in world fisheries? The reports of their death are greatly exaggerated: Food for thought
Publication: Research - peer-review › Journal article – Annual report year: 2011

Multi-decadal responses of a cod (Gadus morhua) population to human-induced trophic changes, fishing, and climate
Publication: Research - peer-review › Journal article – Annual report year: 2010
Temperature affects the timing of spawning and migration of North Sea mackerel
Publication: Research - peer-review › Journal article – Annual report year: 2010

Global patterns in fish species richness
Publication: Research › Paper – Annual report year: 2010

Macro-ecological patterns in fish biodiversity and survey abundance
Publication: Research › Conference abstract in proceedings – Annual report year: 2010

Macro-ecological patterns in fish biodiversity and survey abundance
Publication: Research › Paper – Annual report year: 2010

Predicting the natural mortality of marine fish from life history characteristics
Publication: Research › Conference abstract for conference – Annual report year: 2010

Size, growth, temperature and the natural mortality of marine fish
Publication: Research - peer-review › Journal article – Annual report year: 2010

A fishery-induced cause of regime shifts that does not require a change in environmental conditions
Publication: Research › Article in proceedings – Annual report year: 2009

Fiskebiodiversitet og Boltzmanns konstant
Publication: Research › Conference abstract for conference – Annual report year: 2009

Honey, I cooled the cods: Modelling the effect of temperature on the structure of Boreal/Arctic fish ecosystems
Publication: Research - peer-review › Journal article – Annual report year: 2009

How community ecology links natural mortality, growth, and production of fish populations
Publication: Research - peer-review › Journal article – Annual report year: 2009

Coexistence in North Sea fish communities: Implications for growth and natural mortality
Publication: Research - peer-review › Journal article – Annual report year: 2008

Does natural mortality depend on individual size
Publication: Research › Conference article – Annual report year: 2008

Life-history constraints on the success of the many small eggs reproductive strategy
Publication: Research - peer-review › Journal article – Annual report year: 2008

The Eastern Baltic cod stock in the 20th century: Resolving impacts of fishing, human-induced trophic changes and climate
Publication: Research › Conference article – Annual report year: 2008

Developing an integrated view on the Baltic Sea ecosystem: The EUR-OCEANS Baltic system study
Publication: Research › Article in proceedings – Annual report year: 2007

Impact of 21st century climate change on the Baltic Sea fish community and fisheries
Publication: Research - peer-review › Review – Annual report year: 2007
Impact of 21st century climate change on the Baltic Sea fish community and fisheries
Publication: Research › Conference article – Annual report year: 2007

Størrelse og sameksistens i marine fiskesamfund
Publication: Research › Conference abstract in proceedings – Annual report year: 2007

Havet som menneskets spisekammer
Publication: Research - peer-review › Book chapter – Annual report year: 2006

Modelling an exploited marine fish community with 15 parameters - results from a simple size-based model
Publication: Research - peer-review › Journal article – Annual report year: 2006

Painting the floor with a hammer: Technical fixes in fisheries management
Publication: Research - peer-review › Journal article – Annual report year: 2006

Prey switching of cod and whiting in the North Sea
Publication: Research - peer-review › Journal article – Annual report year: 2006

The requirements of an ecosystem approach to fisheries management
Publication: Research - peer-review › Book chapter – Annual report year: 2006

Changes in the North Sea fish community: evidence of indirect effects of fishing?
Publication: Research - peer-review › Journal article – Annual report year: 2005

Forskning for fremtiden - fiskeriforskning nytter
Publication: Research › Journal article – Annual report year: 2005

Functional and aggregative response of North Sea whiting
Publication: Research - peer-review › Journal article – Annual report year: 2005

Using size-based indicators to evaluate the ecosystem effects of fishing
Publication: Research - peer-review › Journal article – Annual report year: 2005

Are the slopes of size spectra a useful tool for measuring the impact of fisheries in multispecies systems?
Publication: Research › Conference article – Annual report year: 2004

Stock dynamics of sandeel in the North Sea and sub-regions including uncertainties
Publication: Research - peer-review › Journal article – Annual report year: 2004

Using AMOEBA's to display trade-offs in multispecies fisheries
Publication: Research › Article in proceedings – Annual report year: 2004

Changes in the North Sea fish community: evidence of indirect effects of fishing?
Publication: Research › Conference article – Annual report year: 2003

Changes in the size structure of the North Sea fish community
Publication: Research › Conference article – Annual report year: 2003

The effects of fishing on non-target species and ecosystem structure and function
Publication: Research - peer-review › Book chapter – Annual report year: 2003
Using AMOEBAs to display multispecies, multifleet fisheries advice
Publication: Research - peer-review › Journal article – Annual report year: 2003

A comparative analysis of the North Sea based on Ecopath with Ecosim and multi-species virtual population analysis
Publication: Research › Conference abstract in proceedings – Annual report year: 2002

Biological reference points for fish stocks in a multispecies context
Publication: Research - peer-review › Journal article – Annual report year: 2001

Report of a private working group
Publication: Research › Conference article – Annual report year: 2000

Using AMOEBAs to integrate multispecies, multifleet fisheries advice
Publication: Research › Conference article – Annual report year: 2001

Ecosystem effects of fishing - Introduction
Publication: Research - peer-review › Journal article – Annual report year: 2000

Impact of fishing on size composition and diversity of demersal fish communities
Publication: Research - peer-review › Journal article – Annual report year: 2000

Symposium overview: incorporating ecosystem objectives within fisheries management
Publication: Research - peer-review › Journal article – Annual report year: 2000

Using continuation-ratio logits to analyze the variation of the age composition of fish catches
Publication: Research - peer-review › Journal article – Annual report year: 2000

Analysing the Age-composition of Fish by Means of Continuation-ratio Logits
Publication: Research - peer-review › Article in proceedings – Annual report year: 1999

Modeling environmentally driven uncertainties in Baltic cod (Gadus morhua) by Bayesian influence diagrams
Publication: Research - peer-review › Journal article – Annual report year: 1999

Single and multispecies reference points for Baltic fish stocks
Publication: Research - peer-review › Journal article – Annual report year: 1999

Does the diet of cod and whiting reflect the species composition estimated from trawl surveys?
Publication: Research › Conference article – Annual report year: 1998

Feeding ecology of North Sea fish with emphasis on the data of the Stomach Sampling Project 1991 for use in multispecies assessment
Publication: Research › Article in proceedings – Annual report year: 1998

Is the industrial fishery in the North Sea sustainable?
Publication: Research - peer-review › Book chapter – Annual report year: 1998

Mini-Symposium on Ecosystem Effects of Fishing, 1996 - Introduction
Publication: Research - peer-review › Journal article – Annual report year: 1998

Modelling the response of size and diversity spectra of fish assemblages to changes in exploitation
Publication: Research - peer-review › Journal article – Annual report year: 1998
Population structure in the lesser sandeel (Ammodytes marinus) and its implications for fishery-predator interactions
Publication: Research › Report – Annual report year: 1996

Changes in length at age of North Sea whiting, 1980-95
Publication: Research › Conference article – Annual report year: 1997

Database report of the Stomach Sampling Project, 1991
Publication: Research › Report – Annual report year: 1997

Feeding ecology of North Sea fish with emphasis on the database of "Stomach Sampling Project 1991" for use in multispecies assessment. Final progress report, EU financed study
Publication: Research › Report – Annual report year: 1997

On the linear relationship between fishing effort and the slope of the size spectrum
Publication: Research › Conference article – Annual report year: 1997

The industrial fishery and the North Sea sandeel stock
Publication: Research › Report – Annual report year: 1997

Fiskeriets modeller: Forvaltning på et objektivt grundlag?
Publication: Research › Journal article – Annual report year: 1996

Modelling the effect of changes in fishing effort on the size and diversity spectra of exploited fish assemblages
Publication: Research › Conference article – Annual report year: 1996

Patterns of change in the size spectra of numbers and diversity of the North Sea fish assemblage, as reflected in surveys and models
Publication: Research - peer-review › Journal article – Annual report year: 1996

Publication: Research › Report – Annual report year: 1996

Report of the Study Group on Ecosystem Effects of Fishing Activities
Publication: Research › Report – Annual report year: 1995

Ecosystem effects of fishing activities in the North Sea
Publication: Research - peer-review › Journal article – Annual report year: 1994

Some thoughts on the incorporation of areas and migrations in MSVPA
Publication: Research › Report – Annual report year: 1994

Effect of changes in recruitment levels on multispecies long-term predictions
Publication: Research - peer-review › Journal article – Annual report year: 1993

Fishing mortality and the variation of catches: A time series approach
Publication: Research - peer-review › Journal article – Annual report year: 1992

Fiskeriet og Nordsøens miljø
Publication: Research › Journal article – Annual report year: 1992
MSVPA and prey/predator switching
Publication: Research › Conference article – Annual report year: 1993

Sensitivity analysis of Multispecies Assessments and Predictions for the North Sea
Publication: Research › Conference article – Annual report year: 1991

The influence of variations in recruitment on multispecies yield predictions in the North Sea
Publication: Research - peer-review › Journal article – Annual report year: 1991

The stability of estimates of suitabilities in MSVPA over 4 years of data from predator stomachs
Publication: Research - peer-review › Journal article – Annual report year: 1991

Fishing patterns and yield variations
Publication: Research › Conference article – Annual report year: 1990

Multispecies yield and SSB curves for North Sea cod, haddock and whiting
Publication: Research › Report – Annual report year: 1990

The influence of variations in recruitment on multispecies yield predictions in the North Sea
Publication: Research › Report – Annual report year: 1990

An assessment of the stock of scad and mackerel at Sofala Bank and Boa Paz, Mozambique
Publication: Research › Journal article – Annual report year: 1989

Flerartsmodeller og nådgivning
Publication: Research › Journal article – Annual report year: 1989

Results of a stratified random bottom trawl survey for scad and mackerel in Mozambican waters, from May to June 1984
Publication: Research › Journal article – Annual report year: 1989

Some observations on the food selection of plaice and dab in Øresund, Denmark
Publication: Research › Conference article – Annual report year: 1988

Some theoretical aspects of the implementation of virtual population analysis in ICES
Publication: Research › Conference article – Annual report year: 1987

A preliminary assessment of the scad and mackerel stocks at Sofala Bank, Mozambique
Publication: Research › Journal article – Annual report year: 1984

A short note on the available information about demersal fish on the shallow part of Sofala Bank
Publication: Research › Journal article – Annual report year: 1985

Biology, stock size and catch of small pelagic fish along the coast of Mozambique
Publication: Research › Journal article – Annual report year: 1985

Reproduction, age and growth of the Indian mackerel, Rastrelliger kanagurta (Cuvier, 1816) from Sofala Bank, Mozambique
Publication: Research › Journal article – Annual report year: 1985
Species interaction in assessment of fish stocks with special application to the North Sea
Publication: Research - peer-review › Journal article – Annual report year: 1985

A preliminary estimate of the yearly intake of fish by saithe in the North Sea
Publication: Research › Conference article – Annual report year: 1983

Fødekaæden i Roskilde Fjord
Publication: Research › Journal article – Annual report year: 1981

VPA-analysis with special interaction due to predation
Publication: Research › Conference article – Annual report year: 1979

Projects:

Analysis of protected areas in the North Sea and the Central Baltic (Beskyttede områder) (39425)
Project

Identifying simple and cost effective gear solutions which can lead to an effective implementation of the new EU common Fisheries Policy (CFP)
Project: PhD

Industry lead gear selectivity improvements, its strenghts and weakness in the new CFP
Project: PhD

The effect of bottom trawling on marine bottom fauna and eelgrass (ØB Bundfauna) (39192)
Project

Starfish - power and management (Søstjærner) (39087)
Project

Operationalization of trait-based modelling for an ecosystem approach to fisheries
Project: PhD

North Sea Mackerel or Mackerel in the North (Sea)?
Project: PhD

Sustainable bycatch in Danish fishery - Reasonable management under the landing obligation (39028)
Project

Trait-based analysis and modelling of fish communities
Project: PhD

Center for Ocean Life (COOL) - a Villum-Kahn Rasmussen Centre of excellence for the study of life in a changing ocean (38980)
Project

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

PhD Scholarship in Marine Ecology and Climate
Project: PhD
Statistical aspects of heterogeneous population dynamics (38102)
Project

Vectors of change (VECTORS) (38907)
Project

Life history adaptation in marine fishes
Project: PhD

Demography of fished Populations: Yield, Resilience and Evolutionary Change
Project: PhD

Modellering af fiskesamfund ved hjælp af livshistorietræk og størrelse
Project: PhD

Developing fisheries management indicators and targets (DEFINEIT) (38763)
Project

Sustainable fisheries, climate change and the North Sea ecosystem (SUNFISH) (38135)
Project

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

Scaling from individuals to populations (SLIP) (38726)
Project

Activities:

ICES - Working Group on Biodiversity Science - WGBIODIV (External organisation)
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

ICES - Working Group on Biodiversity Science - WGBIODIV (External organisation)
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

ICES - Working Group on the Ecosystem Effects of Fishing Activities - WGECO (External organisation)
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

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