Henrik Gislason - DTU Orbit (18/11/2018)

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Research outputs:

**Bottom trawling effects on marine macrobenthos: Changes in ecological functioning interpreted by a biological multiple traits approach**  
Research output: Research › Conference abstract for conference – Annual report year: 2018

**Growth of teleost fish across marine regions and ecological lifestyles**  
Research output: Research › Conference abstract for conference – Annual report year: 2018

**Macrobenthos biodiversity indicators – individual density and species density revisited**  
Research output: Research › Conference abstract for conference – Annual report year: 2018

**The Baltic Sea Atlantis: An integrated end-to-end modelling framework evaluating ecosystem-wide effects of human-induced pressures**  
Research output: Research - peer-review › Journal article – Annual report year: 2018

**The effect of trawling intensity on taxonomic and functional diversity in benthic communities: Does size matter?**  
Research output: Research › Conference abstract for conference – Annual report year: 2018

**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**  
Research output: 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**  
Research output: Research › Report – Annual report year: 2018

**Fouragerings-strategi hos ådselædende slimål i Kattegat**  
Research output: 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**  
Research output: Research › Conference abstract for conference – Annual report year: 2017

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

**Scavenging strategies of hagfish in the Kattegat**  
Research output: Research › Poster – Annual report year: 2017
Unplanned ecological engineering
Research output: Research › peer-review › Journal article – Annual report year: 2017

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

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

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

Methods for the study of marine biodiversity
Research output: Research › peer-review › Book chapter – Annual report year: 2016

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

Testing reproductive allometry in fish
Research output: Research › peer-review › Journal article – Annual report year: 2016

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

An integrated end-to-end modeling framework for testing ecosystem-wide effects of human-induced pressures in the Baltic Sea
Research output: Research › Conference abstract for conference – Annual report year: 2015

Havets artsrigdom
Research output: Communication › Contribution to newspaper - Newspaper article – 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

Status og muligheder for det danske hav: Rapport til VILLUM FONDEN og VELUX FONDENs miljøprogram
Research output: Research › Report – Annual report year: 2015

The Baltic ATLANTIS model: Implementing a holistic framework to evaluate ecosystem wide responses to changes in climate and anthropogenic forcing
Research output: Research › Poster – Annual report year: 2015

Turning pests into protein – starfish by-product management in the Danish mussel industry
Research output: Research › Conference abstract for conference – Annual report year: 2015

Understanding patterns in marine species richness
Research output: Research › Conference abstract for conference – Annual report year: 2015

When bigger is better - a theoretical and empirical examination of factors contributing to selection on offspring size in fish
Research output: Research › Ph.D. thesis – Annual report year: 2015
Forage fish interactions: A symposium on creating the tools for ecosystem-based management of marine resources
Research output: Research - peer-review › Journal article – Annual report year: 2013

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

Marine fish species richness in the north and north-eastern Atlantic
Research output: Research › Conference abstract for conference – Annual report year: 2014

Miljøskånsomhed og økologisk bæredygtighed i dansk fiskeri
Research output: Commissioned › Report – Annual report year: 2014

Patterns in marine fish species richness in the north and north-eastern Atlantic
Research output: Research › Conference abstract for conference – Annual report year: 2014

Size spectra and species diversity in the sea
Research output: Research › Conference abstract for conference – Annual report year: 2014

Technological development in fisheries management
Research output: 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
Research output: Research › Poster – Annual report year: 2014

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

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

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

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

En revision af traditionelle koncepter i fiskeriet. Er balanceret fiskeri en mulig forvaltningsstrategi?
Research output: Research › Conference abstract for conference – 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

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

Does functional redundancy stabilize fish communities?
Research output: Research › Paper – Annual report year: 2012
Evolutionary assembly rules for fish life histories
Research output: Research - peer-review › Journal article – Annual report year: 2012

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

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

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

Apocalypse in world fisheries? The reports of their death are greatly exaggerated: Food for thought
Research output: 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
Research output: Research › peer-review › Journal article – Annual report year: 2010

Temperature affects the timing of spawning and migration of North Sea mackerel
Research output: Research › peer-review › Journal article – Annual report year: 2010

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

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

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

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

Size, growth, temperature and the natural mortality of marine fish
Research output: 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
Research output: Research › Article in proceedings – Annual report year: 2009

Fiskebiodiversitet og Boltzmanns konstant
Research output: 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
Research output: Research - peer-review › Journal article – Annual report year: 2009

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

Coexistence in North Sea fish communities: implications for growth and natural mortality
Research output: Research - peer-review › Journal article – Annual report year: 2008
Does natural mortality depend on individual size
Research output: Research › Conference 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

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

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

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

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

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

Havet som menneskets spisekammer
Research output: 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
Research output: Research › peer-review › Journal article – Annual report year: 2006

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

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

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

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

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

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

Using size-based indicators to evaluate the ecosystem effects of fishing
Research output: 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?
Research output: Research › Conference article – Annual report year: 2004
Stock dynamics of sandeel in the North Sea and sub-regions including uncertainties
Research output: Research - peer-review › Journal article – Annual report year: 2004

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

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

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

The effects of fishing on non-target species and ecosystem structure and function
Research output: Research - peer-review › Book chapter – Annual report year: 2003

Using AMOEBAs to display multispecies, multifleet fisheries advice
Research output: 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
Research output: Research › Conference abstract in proceedings – Annual report year: 2002

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

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

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

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

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

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

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

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

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

Single and multispecies reference points for Baltic fish stocks
Research output: Research - peer-review › Journal article – Annual report year: 1999
Does the diet of cod and whiting reflect the species composition estimated from trawl surveys?
Research output: 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
Research output: Research › Article in proceedings – Annual report year: 1998

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

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

Modelling the response of size and diversity spectra of fish assemblages to changes in exploitation
Research output: Research - peer-review › Journal article – Annual report year: 1998

Population structure in the lesser sandeel (Ammodytes marinus) and its implications for fishery-predator interactions
Research output: Research › Report – Annual report year: 1998

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

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

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

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

Fiskeriets modeller: Forvaltning på et objektivt grundlag?
Research output: 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
Research output: 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
Research output: Research - peer-review › Journal article – Annual report year: 1996

Research output: Research › Report – Annual report year: 1996

Report of the Study Group on Ecosystem Effects of Fishing Activities
Research output: Research › Report – Annual report year: 1995
Ecosystem effects of fishing activities in the North Sea
Research output: Research - peer-review › Journal article – Annual report year: 1994

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

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

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

Fiskeriet og Nordsøens miljø
Research output: Research › Journal article – Annual report year: 1992

MSVPA and prey/predator switching
Research output: Research › Conference article – Annual report year: 1993

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

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

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

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

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

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

Flørartsmøder og rådgivning
Research output: 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
Research output: Research › Journal article – Annual report year: 1989

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

Some theoretical aspects of the implementation of virtual population analysis in ICES
Research output: Research › Conference article – Annual report year: 1987
A preliminary assessment of the scad and mackerel stocks at Sofala Bank, Mozambique
Research output: Research › Journal article – Annual report year: 1984

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

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

Reproduction, age and growth of the Indian mackerel, Rastrelliger kanagurta (Cuvier, 1816) from Sofala Bank, Mozambique
Research output: Research › Journal article – Annual report year: 1985

Species interaction in assessment of fish stocks with special application to the North Sea
Research output: Research - peer-review › Journal article – Annual report year: 1985

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

Fødekæden i Roskilde Fjord
Research output: Research › Journal article – Annual report year: 1981

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

Projects:

Sand banks and fisheries impact in relation to EU fisheries and environmental policy (39519)
Project: Research

Other pressure factors in the marine environment than nutrients (39529)
Project: Research

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

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

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

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

PhD Scholarship in Marine Ecology and Climate
Project: PhD

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

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

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

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

Starfish - power and management (Søstjerner) (39087)
Project: Research

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

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

Center for Ocean Life (COOL) - a Villum-Kahn Rasmussen Centre of excellence for the study of life in a changing ocean (38960)
Project: Research

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

Statistical aspects of heterogeneous population dynamics (38102)
Project: Research

Vectors of change (VECTORS) (38907)
Project: Research

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

Activities:

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

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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)
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