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Publications:

Changes in food web function and diversity due to non-indigenous species
Publication: Research › Report chapter – Annual report year: 2017

Changes in reproductive life history and resource allocation impacting population dynamics of Baltic cod
Publication: Research › Conference abstract for conference – Annual report year: 2017

Do spatio-temporal spawning closures promote the recovery of cod in the Baltic Sea?
Publication: Research › Conference abstract for conference – Annual report year: 2017

Eastern Baltic cod recruitment revisited—dynamics and impacting factors
Publication: Research › Conference abstract in proceedings – Annual report year: 2016

Micro-and macro-plastics in marine species from Nordic waters
Publication: Research › Report – Annual report year: 2017

No increase in marine microplastic concentration over the last three decades - A case study from the Baltic Sea
Publication: Research - peer-review › Journal article – Annual report year: 2017

No increase in marine microplastic concentration over the last three decades – A case study from the Baltic Sea
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2017

Revealing the role of ocean currents for secondary invasions in a holoplanktonic species
Publication: Research › Conference abstract for conference – Annual report year: 2017

Spatial distribution, origin and source and sink areas of marine litter in the water column of the North Sea
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2017

The invasive comb jelly *Mnemiopsis leidyi* in Europe and in the Baltic Sea: Invasion history, distribution, phenology and ecosystem impacts
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2017

The parasitic nematode *Contracaecum osculatum* (liver worm) in Baltic cod: Spatial differences in prevalence and intensity of infection
Publication: Research › Conference abstract for conference – Annual report year: 2017
Baltic cod recruitment – the impact of changing environmental conditions
Publication: Research › Paper – Annual report year: 2016

Connectivity of larval cod in the transition area between North Sea and Baltic Sea and potential implications for fisheries management
Publication: Research - peer-review › Journal article – Annual report year: 2016

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

Host size-dependent anisakid infection in Baltic cod Gadus morhua associated with differential food preferences
Publication: Research - peer-review › Journal article – Annual report year: 2016

Publication: Research › Report – Annual report year: 2016

Understanding the processes behind fish stock dynamics: Where are we?
Publication: Research › Conference abstract for conference – Annual report year: 2017

When (How?) things go wrong: How larval drift can distort stock abundance estimates
Publication: Research › Poster – Annual report year: 2016

Managing population mixing; genetics supported stock splitting in Atlantic cod
Publication: Research › Conference abstract for conference – Annual report year: 2015

Optimal bæredygtig udnyttelse af tilgængelige torskebestande for dansk fiskeri
Publication: Research › Report – Annual report year: 2015

Processes controlling recruitment in Baltic cod
Publication: Research › Conference abstract for conference – Annual report year: 2015

A synthesis of the distribution of Mnemiopsis leidyi in European waters
Publication: Research › Poster – Annual report year: 2014

Characteristics of juvenile survivors reveal spatio-temporal differences in early life stage survival of Baltic cod
Publication: Research - peer-review › Journal article – Annual report year: 2014

Havforskningskibet Dana er netop vendt hjem fra Østersøen
Publication: Communication › Newspaper article – Annual report year: 2014

Distribution and reproduction of the Arctic ctenophore Mertensia ovum in the Baltic Sea
Publication: Research - peer-review › Journal article – Annual report year: 2013

Population genetics of the invasive ctenophore Mnemiopsis leidyi in Europe reveal source-sink dynamics and secondary dispersal to the Mediterranean Sea
Publication: Research - peer-review › Journal article – Annual report year: 2013

A novel length back-calculation approach accounting for ontogenetic changes in the fish length - otolith size relationship during the early life of sprat (Sprattus sprattus)
Publication: Research - peer-review › Journal article – Annual report year: 2012
Fiskebestandenes struktur. Fagligt baggrundsnotat til den danske implementering af EU's havstrategidirektiv
Publication: Commissioned › Report – Annual report year: 2012

Havforskningskibet Dana er i Østersøen
Publication: Communication › Newspaper article – Annual report year: 2012

Hydrographic influence on the spawning habitat suitability of western Baltic cod (Gadus morhua)
Publication: Research - peer-review › Journal article – Annual report year: 2012

Spatial management of marine resources can enhance the recovery of predators and avoid local depletion of forage fish
Publication: Research - peer-review › Journal article – Annual report year: 2012

Spatio-temporal variability in western Baltic cod early life stage survival mediated by egg buoyancy, hydrography and hydrodynamics
Publication: Research - peer-review › Journal article – Annual report year: 2012

Suitability of otolith microchemistry for stock separation of Baltic cod
Publication: Research - peer-review › Journal article – Annual report year: 2012

The ecophysiology of Sprattus sprattus in the Baltic and North Seas
Publication: Research - peer-review › Journal article – Annual report year: 2012

Climate-driven long-term trends in Baltic Sea oxygen concentrations and the potential consequences for eastern Baltic cod (Gadus morhua)
Publication: Research - peer-review › Journal article – Annual report year: 2011

Egg mortality: predation and hydrography in the central Baltic
Publication: Research - peer-review › Journal article – Annual report year: 2011

Spatio-temporal overlap of the alien invasive ctenophore Mnemiopsis leidyi and ichthyoplankton in the Bornholm Basin (Baltic Sea)
Publication: Research - peer-review › Journal article – Annual report year: 2011

The impact of hydrodynamics and hydrography on western Baltic cod early life stage survival
Publication: Research › Paper – Annual report year: 2011

The invasive ctenophore Mnemiopsis leidyi in the central Baltic Sea: seasonal phenology and hydrographic influence on spatio-temporal distribution patterns
Publication: Research - peer-review › Journal article – Annual report year: 2011

The recovery of cod in the Baltic Sea, a success against all odds
Publication: Research › Paper – Annual report year: 2011

Vertical distribution and growth performance of Baltic cod larvae - Field evidence for starvation-induced recruitment regulation during the larval stage?
Publication: Research - peer-review › Journal article – Annual report year: 2011

Survival probability of larval sprat in response to decadal changes in diel vertical migration behavior and prey abundance in the Baltic Sea
Publication: Research - peer-review › Journal article – Annual report year: 2010
Storm impact on clupeid larvae, their condition and their planktonic prey
Publication: Research › Conference abstract in proceedings – Annual report year: 2004

Projects:

BONUS BIO-C3 Cruise (39117-DCH)
Project

Biodiversity changes - causes, consequences and management implications (BIO-C3) (39117)
Project

Optimal sustainable use of cod stocks accessible for Danish fisheries (DEL-TORSK) (39147)
Project

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

Eastern-western Baltic cod: Improved management based on stock discrimination of eastern and western Baltic cod (Øst-Vesttorsk) (38989)
Project

Vectors of change (VECTORS) (38907)
Project

Fehmarn Belt science provision project: Fehmarn Belt fish and fisheries and related environmental investigations (38669)
Project

Resolving climatic impacts on fish stocks (RECLAIM) (38109)
Project

Understanding the mechanisms of stock recovery (UNCOVER) (38104)
Project

Activities:

ICES - International Bottom Trawl Survey Working Group - IBTSWG (External organisation)
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

ICES - International Bottom Trawl Survey Working Group - IBTSWG (External organisation)
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

ICES - Workshop on the identification of clupeoid larvae - WKIDCLUP (External organisation)
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

ICES - Baltic International Fish Survey Working Group - WGBIFS (External organisation)
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

ICES - Study Group on Standards in Ichthyoplankton Surveys - SGSIPS (External organisation)
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar