Bastian Huwer - DTU Orbit (16/07/2018)
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Publications:

Effect of fish length and nutritional condition on the fecundity of distressed Atlantic cod Gadus morhua from the Baltic Sea: Potential fecundity of Baltic G. Morhua
Publication: Research › Journal article – Annual report year: 2018

Liver worm (Contracaecum osculatum) infection status in cod (Gadus morhua) along a transect from the Skagerrak to the eastern Baltic
Publication: Research › Conference abstract for conference – Annual report year: 2018

No increase in marine microplastic concentration over the last three decades - A case study from the Baltic Sea
Publication: Research › Journal article – Annual report year: 2018

Ocean current connectivity propelling the secondary spread of a marine invasive comb jelly across western Eurasia
Publication: Research › Report chapter – Annual report year: 2017

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 › Review – Annual report year: 2016

Forskningsskibet Dana er netop vendt hjem fra Østersøen
Publication: Communication › Newspaper article – Annual report year: 2018

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 › Conference abstract in proceedings – Annual report year: 2017
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

Variability of larval Baltic sprat (Sprattus sprattus L.) otolith growth: a modeling approach combining spatially and temporally resolved biotic and abiotic environmental key variables
Publication: Research - peer-review › Journal article – Annual report year: 2010

Climate driven long-term evolution of oxygen concentration in the Baltic Sea: potential consequences for the Baltic cod stock
Publication: Research › Article in proceedings – Annual report year: 2009

Den invasive Mnemiopsis-ribbegople i østersøtorskens gydeområde
Publication: Research › Journal article – Annual report year: 2009

The recruitment process in Baltic cod: Spatio-temporal variation in starvation and predation during early life stages with special consideration of the invasive ctenophore Mnemiopsis leidyi
Publication: Research › Ph.D. thesis – Annual report year: 2009

Udbredelse af den invasive ribbegople Mnemiopsis leidyi i Bornholmerdybet og mulige konsekvenser for kommercielt vigtige fiskebestande
Publication: Research › Conference abstract for conference – Annual report year: 2009

Abundance, horizontal and vertical distribution of the invasive ctenophore Mnemiopsis leidyi in the central Baltic Sea, November 2007
Publication: Research - peer-review › Journal article – Annual report year: 2008

Changes in distribution and lengths of Mnemiopsis leidyi in the central Baltic Sea between fall and spring
Publication: Research - peer-review › Journal article – Annual report year: 2008

Marine protected areas as a fisheries management tool for eastern Baltic cod: coupling of observational data with hydrodynamic model simulations
Publication: Research › Conference abstract for conference – Annual report year: 2008

Vertical distribution and nutritional condition of Baltic cod larvae - revisited
Publication: Research › Poster – Annual report year: 2008

Growth, drift and survival probability of Baltic cod early life stages in relation to environmental conditions: Progress report
Publication: Research › Report – Annual report year: 2007

Marine protected areas as a fisheries management tool in the central Baltic: An evaluation by coupling otolith microstructure analysis to a hydrodynamic model
Publication: Research › Journal article – Annual report year: 2007
Variability in growth rates of larval fish at frontal stations in the southern North Sea: is the "mean" all that matters?
Publication: Research › Journal article – Annual report year: 2007

Growth, drift and survival probability of cod early life stages in relation to environmental conditions
Publication: Research › Poster – Annual report year: 2006

What has a surviving sprat (Sprattus sprattus) larva in the Baltic Sea experienced?
Publication: Research › Conference abstract for conference – Annual report year: 2005

Distribution and growth of sprat (Sprattus sprattus) and sardine (Sardina pilchardus) larvae co-occurring at frontal systems in the German Bight
Publication: Research › Poster – Annual report year: 2004

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: