Martin Lindegren - DTU Orbit (30/08/2019)
Lindegren, Martin
mli@aqua.dtu.dk
National Institute of Aquatic Resources - Senior Researcher
Centre for Ocean Life

Research outputs:

**Biodiversity-ecosystem functioning relationships in fish communities: biomass is related to evenness and the environment, not to species richness**
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

**Catastrophic dynamics limit Atlantic cod recovery**
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

**Coastal habitats and their importance for the diversity of benthic communities: A species- and trait-based approach**
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

**Fish communities diverge in species but converge in traits over three decades of warming**
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

**Four decades of functional community change reveals gradual trends and low interlinkage across trophic groups in a large marine ecosystem**
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

**Spatio-temporal variation in marine fish traits reveals community-wide responses to environmental change**
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

**A Climate-driven functional inversion of connected marine ecosystems**
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

**Adapting fisheries and their management to climate change: A review of concepts, tools, frameworks, and current progress toward implementation**
Research output: Contribution to journal › Review – Annual report year: 2018 › Research › peer-review

**A global mismatch in the protection of multiple marine biodiversity components and ecosystem services**
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review
Game theory applications to Baltic Sea multispecies and multi-fleet fisheries under climate variability
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2018 › Research

Productivity and recovery of forage fish under climate change and fishing: North Sea sandeel as a case study
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

Spatial distribution of life-history traits and their response to environmental gradients across multiple marine taxa
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

Using ecological traits of marine fish to detect responses to environmental change: which traits to choose?
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2018 › Research

Climate-mediated changes in marine ecosystem regulation during El Niño
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

Community ecology in 3D: Tensor decomposition reveals spatio-temporal dynamics of large ecological communities
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

From traits to life-history strategies: Deconstructing fish community composition across European seas
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

Gender-specific feeding rates in planktonic copepods with different feeding behavior
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

Global patterns in marine predatory fish
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

Global patterns in the productivity of marine fish along parallel pathways of energy
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2017 › Research

Impacts of climate change on pelagic fisheries
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2017 › Research › peer-review
Implementing ecosystem-based fisheries management: from single-species to integrated ecosystem assessment and advice for Baltic Sea fish stocks
Research output: Contribution to journal › Journal article – Annual report year: 2013 › Research › peer-review

Sea surface temperature variability at the Scripps Institution of Oceanography Pier
Research output: Contribution to journal › Journal article – Annual report year: 2014 › Research › peer-review

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

Biological ensemble modeling to evaluate potential futures of living marine resources
Research output: Contribution to journal › Journal article – Annual report year: 2013 › Research › peer-review

Climate, fishing, and fluctuations of sardine and anchovy in the California Current
Research output: Contribution to journal › Journal article – Annual report year: 2013 › Research › peer-review

Climate‐induced response of commercially important flatfish species during the 20th century
Research output: Contribution to journal › Journal article – Annual report year: 2013 › Research › peer-review

Swedish coastal herring fisheries in the wake of an ITQ system
Research output: Contribution to journal › Journal article – Annual report year: 2013 › Research › peer-review

Temperature dependence of Pacific sardine (Sardinops sagax) recruitment in the California Current Ecosystem revisited and revised
Lindegren, M. & Checkley, D. M., 2013, In : Canadian Journal of Fisheries and Aquatic Sciences. 70, 2, p. 245-252
Research output: Contribution to journal › Journal article – Annual report year: 2013 › Research › peer-review

Threshold-dependent climate effects and high mortality limit recruitment and recovery of the Kattegat cod
Lindegren, M. & Eero, M., 2013, In : Marine Ecology - Progress Series. 490, p. 223-232
Research output: Contribution to journal › Journal article – Annual report year: 2013 › Research › peer-review

Towards sustainable fisheries of the Öresund cod (Gadus morhua) through sub-stock-specific assessment and management recommendations
Research output: Contribution to journal › Journal article – Annual report year: 2013 › Research › peer-review

Alien invasions and the game of hide and seek in Patagonia
Research output: Contribution to journal › Journal article – Annual report year: 2012 › Research › peer-review
Early detection of ecosystem regime shifts: A multiple method evaluation for management application
Research output: Contribution to journal › Journal article – Annual report year: 2012 › Research › peer-review

Impact of climate change on fish population dynamics in the Baltic Sea: A dynamical downscaling investigation
Research output: Contribution to journal › Journal article – Annual report year: 2012 › Research › peer-review

Nutrient reduction and climate change cause a potential shift from pelagic to benthic pathways in a eutrophic marine ecosystem
Lindegren, M., Blenckner, T. & Stenseth, N. C., 2012, In: Global Change Biology. 18, 12, p. 3491-3503
Research output: Contribution to journal › Journal article – Annual report year: 2012 › Research › peer-review

Predator transitory spillover induces trophic cascades in ecological sinks
Research output: Contribution to journal › Journal article – Annual report year: 2012 › Research › peer-review

The state and relative importance of drivers of fish population dynamics: An indicator-based approach
Eero, M., Lindegren, M. & Köster, F., 2012, In: Ecological Indicators. 15, 1, p. 248-252
Research output: Contribution to journal › Journal article – Annual report year: 2011 › Research › peer-review

Applying the shiftogram approach for identifying ecosystem changes - the Baltic Sea as a multivariate test case
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2011 › Research

Beauty is in the eye of the beholder: Management of Baltic cod stock requires an ecosystem approach
Möllmann, C., Blenckner, T., Casini, M., Gårdmark, A. & Lindegren, M., 2011, In: Marine Ecology-Progress Series. 431, p. 293-297
Research output: Contribution to journal › Journal article – Annual report year: 2011 › Research › peer-review

Biological ensemble modelling to improve marine science and ecosystem-based management advice
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2011 › Research

Effects of mammal predation on small pelagic fish
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2011 › Research

Fishery- and climate-induced changes in predator distribution trigger a spatial reallocation of its prey: the cod–sprat dynamics in the Baltic Sea
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2011 › Research

Interacting trophic forcing and the population dynamics of herring
Research output: Contribution to journal › Journal article – Annual report year: 2011 › Research › peer-review

The times they are a-changin': but can they change back?
Research output: Contribution to journal › Journal article – Annual report year: 2011 › Communication
Towards holistic ecosystem assessments - achievements of the ICES/HELCOM Working Group on Integrated Assessments of the Baltic Sea (WGIAB)
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2011 › Research

Biomanipulation - a tool in marine ecosystem management and restoration?
Research output: Contribution to journal › Journal article – Annual report year: 2010 › Research › peer-review

Climate- and fishery-induced changes in predator distribution trigger a spatial reallocation of its prey: the Baltic Sea case study
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2010 › Research

Climate-induced synchronous regime shifts along environmental and diversity gradients in Baltic Sea sub-systems
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2010 › Research

Cod and future climate change
Research output: Book/Report › Report – Annual report year: 2010 › Research

Ecological forecasting under climate change - the case of Baltic cod
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2010 › Research

Ecological forecasting under climate change: the case of Baltic cod
Research output: Contribution to journal › Journal article – Annual report year: 2010 › Research › peer-review

Integrated ecosystem assessments of seven Batic Sea areas covering the last three decades
Research output: Book/Report › Report – Annual report year: 2010 › Research

Making the ecosystem approach operational–Can regime shifts in ecological- and governance systems facilitate the transition?
Research output: Contribution to journal › Journal article – Annual report year: 2010 › Research › peer-review

Modelling the effects of climate change, species interactions and fisheries - towards Ecosystem-based Fisheries Management in the Central Baltic Sea
Lindegren, M., 2010, Copenhagen, Denmark: Faculty of Science, Copenhagen University and National Institute of Aquatic Resources, Technical University of Denmark (DTU).

Progress report of the project: Towards an ecosystem based management of herring in the Baltic Sea
Research output: Book/Report › Report – Annual report year: 2010 › Research
Distribution of mackerel, herring and sprat (MAKSIBRI) (39434)
Bekkevold, D., Mosegaard, H., Christensen, A., Lindegren, M. & Mena, B. J.
06/09/2016 → 26/01/2019
Project: Research

Determining the influence of benthic substrate on Biodiversity-Ecosystem Function relationships in coral reef ecosystems
Maginnis, N., Lindegren, M., Keith, S. A. & Wisz, M.
Samfinansieret - Andet
01/04/2017 → 23/05/2020
Project: PhD

Understanding the biodiversity-ecosystem functioning relationship in marine food webs through large-scale observations and modelling
Maureaud, A., Lindegren, M. & Andersen, K. H.
Samfinansieret - Andet
15/02/2017 → 14/02/2020
Project: PhD

Marine management of ecosystem dynamics under climate change (MARmaED) (39300)
Andersen, K. H., Lindegren, M., van Gemert, R. & Beukhof, E. D.
01/10/2015 → 01/10/2019
Project: Research

Elucidating the structure and functioning of marine ecosystems through synthesis and comparative analysis (META-OCEANS) (38154)
01/03/2006 → 09/12/2011
Project: Research

A trait-based approach for predicting fish community structure, function and services under climate change and exploitation
Beukhof, E. D., Lindegren, M., Andersen, K. H., Støttrup, J. G., Engelhard, G. H. & Pinsky, M. L.
Marie Curie (EU-stipendium)
15/03/2016 → 14/06/2019
Project: PhD

Density-dependent processes in marine fish stocks
van Gemert, R., Andersen, K. H., Lindegren, M., Nielsen, A., Enberg, K. S. & van Kooten, T.
Marie Curie (EU-stipendium)
15/11/2015 → 08/05/2019
Project: PhD

Functional diversity in marine ecosystems - linking biodiversity to ecosystem integrity
Samfinansieret - Andet
01/09/2015 → 19/06/2019
Project: PhD

A trait-based approach towards understanding benthic-pelagic pathways in marine ecosystems
1/3 FUU, 1/3 inst 1/3 Andet
15/12/2013 → 06/06/2017
Project: PhD

Advanced modelling tool for scenarios of the Baltic Sea ecosystem to support decision making (ECOSUPPORT) (38733)
MacKenzie, B., Eero, M., Lindegren, M. & Neuenfeldt, S.
01/01/2009 → 31/12/2011
Project: Research
Centre for Macroecology, Evolution and Climate (CMEC) (38784)
MacKenzie, B., Lindegren, M., Mantzouni, I., Neuheimer, A., Hartvig, M., Reygondeau, G. & Tsoukali, S.
01/01/2010 → 31/12/2015
Project: Research