

Short CV – Margit Eero

Degrees

- PhD, University of Southern Denmark (2008).
- MSc, University of Tartu, Estonia (2002).

Positions

- Senior Researcher, DTU Aqua, Technical University of Denmark (2014-present).
- Researcher, DTU Aqua (2012–2014).
- Postdoc, DTU Aqua (2009-2012).
- Research Assistant, DTU Aqua (2007-2008).
- PhD Student, Danish Institute for Fisheries Research (DIFRES) (2004-2007).
- Assistant, University of Tartu, Estonian Marine Institute (1996-2004).

Research area

Long-term changes in fish populations and in their environmental, ecological and human drivers; Fish stock assessment and fisheries management; Indicators for ecosystem health and assessments of ecosystem status; Ecosystem approach to fisheries management.

Distinctions and awards

- Estonian World Council, Inc. scholarship (1997), Estonian Students Fund in USA, Inc. scholarship (2000-2001).
- Danish Government Scholarship (2001), United Nations University (UNU) fellowship (2002).

Memberships of scientific committees, 2011-present

Various ICES expert groups (e.g. WGBFAS, WGIAB, WGHIST).

Review, 2011-present

Referee for a number of international journals, including Canadian Journal of Fisheries and Aquatic Sciences, ICES Journal of Marine Sciences, Marine Ecology Progress Series.

Peer reviewed publications: 35. Books and book chapters: 3. Reports: 4. International conferences: 15.

Advisory tasks, 2011-present

Member of various ICES expert groups; chair of Benchmark Assessment of Flatfishes in the Baltic Sea (WKBALFLAT) (2014), reviewer for ICES assessment related groups; Participation in international evaluation of the fisheries closure in the Kattegat (2012); Participation in STECF in relation to evaluations of EU cod management plans in the Baltic Sea, and in North Sea, Kattegat, Irish Sea and West of Scotland (2011-2012); Frequent verbal and written briefings to national ministries; stock assessment coordinator for cod in the Kattegat (2011-2012), western Baltic Sea (2013-2015) and eastern Baltic Sea (2016-present).

Educational tasks, 2011-present

DTU course: 25312 Fisheries Systems – Management and Modelling (Contributor), since 2011.

Supervision, 2011-present

PhD students: 2 (Co-supervisor).

Grants, 2011-present

- EU FP7: Marine Ecosystem Evolution in a changing environment (MEECE) (2010-2012, PI).
- EU FP7: Vectors of Change in Oceans and Seas Marine Life, Impact on Economic Sectors (VECTORS) (2011-2014, PI).
- EEF: Optimal sustainable use of cod stocks accessible for Danish fisheries (2014-2015, Coordinator).

Research collaboration with stakeholders, 2011-present

Various national consultation, coordination and expert groups with industry, NGO's and authorities; Various research projects with stakeholder participation.

Five selected publications

Eero M, Andersson HC, Almroth-Rosell E, MacKenzie BR. (2016). Has eutrophication promoted forage fish production in the Baltic Sea? *Ambio*, doi:10.1007/s13280-016-0788-3.

Eero M, Hjelm J, Behrens J, Buchmann K, Cardinale M, Casini M, Gasyukov P, Holmgren N, Horbowy J, Hüsey K, Kirkegaard E, Kornilovs G, Krumme U, Köster FW, Oeberst R, Plikshs M, Radtke K, Raid T, Schmidt J, Tomczak MT, Vinther M, Zimmermann C, Storr-Paulsen M. (2015). Eastern Baltic cod in distress: biological changes and challenges for stock assessment. *ICES Journal of Marine Science*, 72, 2180-2186. doi:10.1093/icesjms/fsv109.

Eero M, Strehlow HV, Adams CM, Vinther M. (2015). Does recreational catch impact the TAC for commercial fisheries?. *ICES Journal of Marine Science*, 72(2), 450-457, doi: 10.1093/icesjms/fsv121.

Eero M, Hemmer-Hansen J, Hüsey K. (2014). Implications of stock recovery for a neighbouring management unit: experience from the Baltic cod. *ICES Journal of Marine Science*, 71, 1458-1466, doi: 10.1093/icesjms/fsu060.

Eero M, Vinther M, Haslob H, Huwer B, Casini M, Storr-Paulsen M, Köster FW. (2012). Spatial management of marine resources can enhance the recovery of predators and avoid local depletion of forage fish. *Conservation Letters*, 5, 486-492, doi: 10.1111/j.1755-263X.2012.00266.x.