

Short CV – Grete Elisabeth Dinesen

Degrees

- MSc, Biology, Natural History Museum of Denmark, Zoological Museum (SNM-ZMUC), University of Copenhagen, Denmark (1996).

Positions

- Senior Consultant, DTU Aqua, Technical University of Denmark (2007-present).
- Project Manager, Danish Forest and Nature Agency, Ministry of Environment (2005-2007).
- Research Associate, Danish Natural History Museum, Zoological Museum (2004-present).
- Amanuensis, Department of Marine Ecology, Aarhus University (2001-2004).
- Scientific Research Assistant, Department of Marine Ecology, Aarhus University (1999-2001).
- Junior Scientific Officer co-organising two international workshops at the PMBC (Phuket, Thailand) for the University of Copenhagen (1997 and 1998).
- Consultant in Marine Invertebrates, BioConsult a/s, Denmark (1996-1998), QA assignments (1999 and 2000).
- Teaching Assistant, Marine Biological Laboratory, University of Copenhagen, Denmark (1996).

Research area

Marine habitat diversity and human impacts; Development of tools for integrated coastal and marine management; Ecological linkages between marine organisms; Mytilidae (Bivalvia) biology and systematics.

Memberships of scientific committees, 2011-present

Member of the ICES expert groups WGICZM, WGMHM, WGMPCZM, BEWG, and WGECCO.

Review, 2011-present

Referee for international journals including the Biological Journal of the Linnean Society, Journal of the Marine Biological Association of the United Kingdom, Journal of Molluscan Research, Journal of Molluscan Studies, Journal of Natural History, Marine Biodiversity Records, Marine Biology Research, PLOS ONE, Steenstrupia, and Zoologia.

Peer reviewed publications: 19. **Books and book chapters:** 9. **Reports:** >15. **International conferences:** >10.

Advisory tasks, 2011-present

- Danish delegate of various ICES expert groups.
- National advice to the Danish Agrifish Agency, Ministry of Environment and Food of Denmark.

Educational tasks, 2011-present

- Teaching at the MSc courses 25318 Aquatic Ecosystem Management (DTU Aqua) and 'Marine Organisms' (University of Copenhagen).
- Assigned censor to BSc and MSc thesis examinations (University of Copenhagen, Aarhus University); assigned censor to the annual written examination in 'Invertebrate Zoology' (Aarhus University).

Supervision, 2011-present

PhD students: 1 (Co-supervisor). **Master students:** 1 (Main Supervisor).

Grants, 2011-present

Project grants including from BONUS 'BaltCoast' (Assisting Coordinator); EU 'Baltic Sea Check Point' (WP Leader); VELUX 'Jammer Bay in Balance' (Co-manager). Grants from the Ministry of Environment and Food of Denmark supporting the national implementation of the WFD, Natura 2000 and MSFD, including the EMFF 'Sensitive Habitats in the Kattegat' (Co-manager), 'Fisheries Impacts on Marine Benthic Habitats' (Coordinator) and 'Fisheries Impacts on Sandbanks' (Manager).

Research collaboration with stakeholders, 2011-present

National consultation and expert groups with industry, NGO's and authorities concerning implementation of NATURA 2000 and MSFD; National and international research projects with stakeholder participation including EU 'SPICOSA' (2007-2011), EU 'MASPNOSE' (2010-2012), GUDP 'Sand Eel Gear Development' (2012-2015), GUDP 'Nephrops Gear Development' (2013-2016), BENTHIS (2012-2017), BONUS 'BaltCoast' (2015-2018), VELUX 'Jammer Bay in Balance' (2016-2019), 'Sensitive Habitats in the Kattegat' (2016-2018).

Five selected publications

Eigaard OR, Bastardie F, Breen M, Dinesen GE, Hintzen NT, Laffargue P, Mortensen LO, Nielsen JR, Nilsson HC, O'Neill FG, Polet H, Reid DG, Sala A, Sköld M, Smith C, Sørensen TK, Tully O, Zengin M, Rijnsdorp AD. (2016). Estimating seabed pressure from demersal trawls, seines, and dredges based on gear design and dimensions. *ICES Journal of Marine Science* 73(1), 27-43.

Morton B, Dinesen GE, Ockelmann KW. (2015). Functional morphology, biology and sexual strategy of the circumboreal, adventitious crypt-building *Crenella decussata* (Bivalvia: Mytiloidea: Crenellidae). *Journal of the Marine Biological Association of the United Kingdom*, 1-20.

Dinesen GE, Morton B. (2014). Review of the functional morphology, biology and perturbation impacts on the boreal, habitat-forming horse mussel *Modiolus modiolus* (Bivalvia: Mytilidae: Modiolinae). *Marine Biology Research* 11(9), 845-870 (invited review).

Timmermann K, Dinesen GE, Markager S, Ravn-Jonsen L, Bassompierre M, Roth E, Støttrup JG. (2013). Development and use of a bio-economic model for management of mussel fisheries under different nutrient regimes in the temperate estuary of the Limfjord, Denmark. *Ecology and Society* 19(1), 1-14.

Dinesen GE, Timmermann K, Roth E, Markager S, Ravn-Jonsen L, Hjorth M, Holmer M, Støttrup JG. (2011). Mussel production and water framework directive targets in the Limfjord, Denmark: an integrated assessment for use in system-based management. *Ecology and Society* 16(4), 1-26.