Short CV – Kai Wieland

Degrees

- Diploma (MSc), Institute of Marine Sciences Kiel (IfM Kiel), Germany (1987).
- Dr. rer. nat., IfM Kiel, Germany (1996).

Positions

- Research assistant, Institute for Coastal and Freshwater Fisheries, Hamburg, Germany (1987).
- Project scientist, IfM Kiel, Germany (1988-1997).
- Project scientist, Danish Institute for Fisheries Research (DIFRES) (1997-2000).
- Senior research Scientist, Greenland Institute of Natural Resources (2000-2007).
- Senior researcher, DIFRES/National Institute of Aquatic Resources (DTU Aqua), Technical University of Denmark (since 2007).
- Head of Section for Monitoring (Hirtshals) and Senior researcher, DTU Aqua (since 2009).

Research area

Spatial and temporal dynamics of fish and shellfish population in relation to ecological conditions in the North Atlantic and the use of commercial and scientific monitoring surveys for the assessment of such populations, effects of bottom type and other environmental factors on catch rates of North Sea cod, coherence in phenology of shrimp and phytoplankton, influence of the fishery and environmental effects on fluctuations in stock size of cod and shrimp in West Greenland waters, impact of climate variability on recruitment of Baltic cod and West Greenland shrimp.

Distinctions and awards

EU TMR grant (1997-1998).

Memberships of scientific committees, 2006-present

ESSAS (Ecosystem Studies of Sub-Artic Seas) Scientific Steering Committee (since 2005); ICES International Bottom Trawl WG (since 2010); ICES WG on the Assessment of Demersal Stocks in the North Sea and the Skagerrak (since 2008); ICES/GLOBEC WG on Cod and Climate Change (2002-2009; co-chair since 2005); NAFO shrimp assessment expert group (2000-2007).

Review, 2006-present

- Review of manuscripts for various journals, e.g. Marine Ecology Progress Series (member of review staff since 2002), Fisheries Oceanography, Deep Sea Research, Sarsia, ICES Journal of Marine Science, Scientia Marina, Fisheries Research, Marine Biology Research and Canadian Journal of Fisheries and Aquatic Science.
- Evaluation of a research proposal for the Natural Science and Engineering Research Council of Canada (NSERC).
- Examination of a M.Sc. thesis for the University of Århus and a doctoral thesis for the University of Cape Town.

Peer reviewed journal publications: 32. **Books and book chapters:** 1. **Reports:** 17 (without NAFO SCR Docs and ICES WDs). **International conferences:** 17.

Advisory tasks, 2006-present

- Contributions to ICES IBTS WG, ICES NSSK WG and the assessment of shrimp off West Greenland.
- North Sea Regional Advisory Committee (NSRAC) in 2007, 2008 and 2009.

Grants, 2006-present

- EU EuropeAid: Ecological sustainable fisheries practices in Benguela LME (ECOFISH) (since 2011; PI).
- Danish Ministry for Food, Agriculture and Fisheries and European Fisheries Fund (EFF): REX II and III (2007-2008; PI), Oskar (2008-2011; PI), RESOURCE (2010-2012; PI)
- Danish Ministry of Food, Agriculture and Fisheries: Green Development and Demonstration Program (GUDP): Optimal sustainable exploitation of Norway lobster in the Kattegat and Skagerrak (since 2011; PI).

Research collaboration with stakeholders, 2006-present

Survey planning and participation, data analyses and publication of results from fishermen-scientists collaboration projects (REX, Oskar, Resource).