Short CV – Friedrich Wilhelm Köster

Degrees

- Diploma (~MSc), Institute of Marine Sciences Kiel (IfM Kiel), Germany (1986).
- Dr. rer. nat., IfM Kiel, Germany (1994).

Positions

- Project Scientist, Institute for Sea Fisheries, Hamburg, Germany (1986-1988).
- Project Scientist, IfM Kiel, Germany (1988-1994).
- Scientific Assistant (~Junior Professor), IfM Kiel, Germany (1995-2002).
- Research Director, Dept. of Marine Fisheries, Danish Institute for Fisheries Research (DIFRES) (2002-2007).
- Director a.i., DIFRES/National Institute of Aquatic Resources (DTU Aqua), Technical University of Denmark (2007-2011).
- Director and Professor, DTU Aqua (since 2011).

Research area

The role of species interactions in marine fish stock dynamics and linkages between intermediate and upper trophic ecosystem levels and fish stock recruitment under variable environmental forcing conditions. Integration of important population dynamic processes in fish stock assessments and fisheries management procedures.

Distinctions and awards

German Ministry for Research and Technology HSPII-grant (1992-1994).

Memberships of scientific committees, 2006-present

Danish delegate at ICES Council (since 2004); ICES Advisory Committee on Fisheries Management (2005-2007); Various ICES/GLOBEC/IMBER expert groups; EFARO Board of directors (since 2007) and various related initiatives and projects, e.g. MARCOM+.

Review, 2006-present

- Evaluation of research proposals under: (i) Danish Food Industry Agency programmes Pilot and Demonstration Projects and Exploratory Fisheries, (ii) Netherlands Organisation for Scientific Research, (iii) Department for Environment, Food and Rural Affairs (UK); Member of BONUS 185 Steering Committee (since 2010).
- Review of manuscripts for various journals, e.g. Canadian Journal of Fisheries and Aquatic Sciences, ICES Journal of Marine Sciences, Marine Ecology Progress Series.
- Chair/participant in external and internal institutional and staff evaluation committees.

Peer reviewed journal publications: 55. **Books and book chapters:** 6. **Reports:** 56. **International conferences:** 41.

Advisory tasks, 2006-present

Coordination of advisory activities as head of Marine Fisheries Department (until 2007) incl. verbal and written briefings of national ministries; Member of ICES Advisory Committee on Fisheries Management (2005-2007), and of various ICES expert and advisory groups; Participation in national and international advisory meetings (e.g. ICES Council WG's on advisory process, Baltic and North Sea Regional Advisory Councils).

Grants, 2006-present

- EU FP5 CA: European Advisory System Evaluation (EASE) (until 2006; co-ordinator).
- EU FP6: Critical Interactions between Species and their Implications for a Precautionary Fisheries Management in a variable Environment - a Modelling Approach (BECAUSE) (until 2007; chair Baltic Study).
- EU FP6 NoE: Ecosystems Analysis (EUR-OCEANS) (until 2008; co-chair of Baltic System Study).
- EU FP7: Basin-scale Analysis, Synthesis, and Integration of oceanographic and climate-related processes and the dynamics of plankton and fish populations in the North Atlantic Ocean (EURO-BASIN) (2010-2014; co-chair of WP).
- EU FP6: Understanding the Mechanisms of Stock Recovery (UNCOVER) (until 2010; co-chair Synthesis WP), a series of scientific contributions to EU FP6 and EU FP7 projects (PROTECT, RECLAIM, MEECE, VECTORS).

Research collaboration with stakeholder, 2006-present

Various national consultation, coordination and expert groups with industry, NGO's and authorities; Various research projects with stakeholder participation; North Sea Commission Fisheries Partnership (until 2006) leading to establishment of North Sea RAC, European Fisheries Technology Platform (since 2010).