

## Short CV – Friedrich Wilhelm Köster

### Degrees

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

### Positions

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

### 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, 2011-present

- Danish delegate at ICES Council (2004-present), first Vice-president (since 2015) and member of various Council and Bureau groups.
- Member of the EFARO Board of directors (until 2015) and different EFARO working groups.
- EU Art. 185 BONUS Steering Committee (2016-present, Chair) and in various related coordination and planning groups (e.g. JPI Ocean/Bonus coordination group, Ad Hoc Steering Group on spatial and temporal extension).
- Delegate to European Marine Board (2011-present).
- Member of the Baltic Earth Senior Advisory Board (2015-present).

### Review, 2011-present

- Mid-term review of Graduate School of Wageningen Institute of Animal Sciences, 2012.
- Management board of Era-Net COFASP, 2012-2013.
- Chair/participant in external and internal institutional and staff evaluation committees.
- Review of manuscripts for various journals.

**Peer reviewed publications: 67. Books and book chapters: 6. Reports: 62. International conferences: 51.**

### Advisory tasks, 2011-present

Alternate to the ICES Advisory Committee (until 2013) and member of various ICES expert groups; overseeing advisory activities of DTU Aqua as Head of Department incl. verbal and written briefings of national ministries; participation in national and international advisory meetings (e.g. ICES Council WG's, Advisory Councils).

### Educational tasks, 2011-present

Head of DTU Aqua's PhD school (2012-present).

### Supervision, 2011-present

**PhD students:** 1 (Main Supervisor). **Postdocs:** 1 (Main Supervisor).

### Grants, 2011-present

- EU FP7: Towards an Integrated Marine and Maritime Science Community (CSA MARCOM+) (until 2012, PI).
- EU FP7: Cooperation in Fisheries, Aquaculture and Seafood Processing (Era-Net COFASP) (2012-2013, PI).
- BONUS: Biodiversity changes – causes, consequences and management implications (BIO-C3) (2014-present, Co-coordinator).
- EuropeAid: Development of ecologically sustainable fisheries practices in the Benguela Current Large Marine Ecosystem (EcoFish) (2011-present, WP Lead).

### Research collaboration with stakeholder, 2011-present

Various national consultation, coordination and expert groups with industry, NGO's and authorities; European Fisheries Technology Platform (2010-2012).

### Five selected publications

- 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(6), 486-492.
- Huwer B, Hinrichsen HH, Böttcher U, Voss R, Köster FW. (2014). Characteristics of juvenile survivors reveal spatio-temporal differences in early life stage survival of Baltic cod. *Marine Ecology Progress Series*. 511, 165–180.
- Köster FW, Trippel EA, Tomkiewicz J. (2013). Linking size and age at sexual maturation to body growth, productivity and recruitment of Atlantic cod stocks spanning the North Atlantic. *Fisheries Research*. 138, 52-61.
- Köster FW, Stephenson RL, Trippel EA. (2014). Gadoid fisheries: the ecology and management of rebuilding. *ICES Journal of Marine Science*. 71(6), 1311-1316.
- Köster FW, Huwer B, Hinrichsen H-H, Neumann V, Makarchouk A, Eero M, v. Dewitz B, Hüsey K, Tomkiewicz J, Margonski P, Temming A, Hermann J-P, Oesterwind D, Kotterba P, Plikshs M. (2016). Eastern Baltic cod recruitment revisited – dynamics and impacting factors. *ICES Journal of Marine Science*. (accepted).