Short CV – Niels Gerner Andersen

Degrees

Cand.scient. (~MSc), University of Copenhagen, Denmark (1983).

Positions

- Scientific assistant, Danish Institute for Fisheries and Marine Research (DIFMAR) (1983-1990).
- Research scientist, DIFMAR/Danish Institute for Fisheries Research (DIFRES) (1990-2002).
- Senior researcher, DIFRES/Section for Population Ecology and Genetics, National Institute of Aquatic Resources (DTU Aqua), Technical University of Denmark (since 2003).

Research area

Aspects of the biology of individuals that are relevant for fish stock dynamics and species interactions. The focus is on feeding biology, growth and bioenergetics under variable environmental forcing conditions, and on supplying sub-models that are suited for scaling of biological processes from individual to population level.

Memberships of scientific committees, 2006-present

- ICES WGFE (since 2004).
- ICES SGMSNS/WGMSNS (since 2005).

Review, 2006-present

- Review of manuscripts for various scientific journals, e.g. Journal of Fish Biology, Canadian Journal of Fisheries and Aquatic Sciences, Marine Biology, Journal of the Marine Biological Association of the United Kingdom, Aquatic Sciences, Animal Biology.
- Chair/participant in two internal staff evaluation commitees.

Peer reviewed journal publications: 23. **Reports:** >20. **International conferences:** 4.

Supervision of PhDs, 2006-present

One.

Grants, 2006-present

- Danish Ministry of Food, Agriculture and Fisheries and Financial Instrument for Fisheries Guidance (FIFG)/European Fisheries Fund (EFF):
  - Spatially explicit fisheries management methods (REX II) phase 1 (2006-2007; participant) and phase 2 (2007-2008; participant).
  - Spatially explicit management methods for North Sea cod – a Danish fishermen-scientists collaboration (REX III) (2008-2010; participant).
  - Optimization of the exploitation of fish resources in Skagerrak (OSKAR) (2010-2011, participant).
  - Geographical distribution of fish resources and optimatization of fisheries practice in the northeastern North Sea (RESOURCE) (since 2010; participant).
- Danish Council for Strategic Research: Sustainable fisheries, climate change and the North Sea ecosystem (SUNFISH) (since 2008; PI).
- EU FP7: Foraging Fish Interactions (FACTS) (since 2010; participant).

Research collaboration with stakeholders, 2006-present

Through the above-mentioned grants (REX II and III, OSKAR, RESOURCE) with stakeholder participation.

Other activities

- External lecturer at Aalborg University (1990-1993).
- Produced/contributed to >20 non-peer reviewed publications, conference papers, and articles in popular science magazines.