Short CV – Asbjørn Christensen

Degrees

- MSc (Eng.), Institute of Physics, Technical University of Denmark (1993).
- PhD, Center for Atomic-scale Materials Physics, Technical University of Denmark (1996).

Positions

- Postdoc, Carters group, Department of Chemistry and Biochemistry, University of California, USA (1996-1999).
- Scientific consultant, UNI-C, Scientific Computing Group, Lyngby, Denmark (1999-2000).
- Scientific programmer, Center for Atomic-scale Materials Physics, Technical University of Denmark (2000-2003).
- Researcher, Section for Population Ecology and Genetics, National Institute of Aquatic Resources (DTU Aqua), Technical University of Denmark (since 2003).

Research area

- Individual-based modelling of early life history aspects, focusing on larval transport, physical-biological interaction and bioenergitical aspects.
- Spatial population dynamics and life cycle modelling.
- Life strategy optimization and influence of environmental changes and harvesting on stable life strategies.

Memberships of scientific committees, 2006-present

- Member of the scientific steering group for the national center Marine Ecological Modelling Center (MEMC) (since 2009).
- ICES working group on operational Oceanographic Products for Fisheries and the Environment (WGOOFE) (since 2011).
- Member of ICES working group for Physical-Biological Interaction (WGPBI) (since 2006).

Review, 2006-present

Review of manuscripts for various journals, e.g. Canadian Journal of Fisheries and Aquatic Sciences, ICES Journal of Marine Sciences, Marine Ecology Progress Series.

Peer reviewed journal publications: 13. **Books and book chapters:** 3. **Reports:** 5. **International conferences:** 14.

Advisory tasks, 2006-present

- ICES Ad Hoc Group on Sandeel (AGSAN).
- Working Group on Fisheries-Induced Evolution (WGEVO).

Supervision of PhDs, 2006-present

One.

Grants, 2006-present

Participation in project application, management and implementation:

- EU FP6 and FP7 projects: UNCOVER (PI), BECAUSE, RECLAIM, AFISA, MEECE, MyOcean (coordinator of DTU Aqua part), MESMA, MyOcean2 (project leader), OPEC , COCONET (PI).
- Nationally funded collaborative projects: "Bank resolved prognoses of sandeel fishing potential in the North Sea" (project leader), AHAdot, TORTN, ETOMTOBIS, ModRec, SUNFISH, NAACOS, Nephrops (WP leader).