

Short CV – Jan Erik Beyer

Degrees

- The Psychology of Leadership, Institute of Gestalt Analysis (2001).
- PhD, Technical University of Denmark (1976).
- MSc, Technical University of Denmark (1972).

Positions

- Principal Senior Scientist, Emeritus, DTU Aqua, Technical University of Denmark (2014-present).
- Research Coordinator for Marine Ecosystem Section, Danish Institute for Fisheries Research (DIFRES) (2000-2005).
- International FAO Consultant in tropical fish stock assessment (1984-1999).
- Principal Senior Scientist (Statsbiolog), Danish Institute for Fisheries and Marine Research (DIFMAR)/DIFRES/DTU Aqua (1983-2014).
- Head of Experimental Research, Senior Scientist, DIFMAR (1980-1986).
- Scientific Assistant, NMFS Narragansett Laboratory, USA and DIFMAR (1978-1979).
- NSR Post Doc, DIFMAR and Technical University of Denmark (1976-1977).
- NSR Scholarship, Technical University of Denmark (1975-1976).

Research area

Mechanistic understanding of recruitment processes and density-dependent regulations of fish stocks.

Memberships of scientific committees, 2011-present

- ICES working groups related to recruitment (since 1980'ies).
- Danish Academy of Technical Science (since 1984).

Review, 2011-present

Review of various manuscripts, proposals etc.

Peer reviewed publications: 35. **Books and book chapters:** 4. **Reports:** ca. 50. **International conferences:** ca. 40.

Advisory tasks, 2011-present

Internal advisory tasks at section level.

Educational tasks, 2011-present

Internal advisory tasks at senior researcher level.

Grants, 2011-present

National Coordinator for project Ecofish (2011-2016).

Research collaboration with stakeholders, 2011-present

Expanding DTU Aqua dialogue and innovative collaborations with Danish Fishermen's Association.

Five selected publications

Jansen T, Kristensen K, Kainge PI, Durholtz D, Strømme T, Thygesen UH, Wilhelm MR, Kathena J, Fairweather TP, Paulus S, Degel H, Lipinski MR, Beyer J. (2016). Migration, distribution and population (stock) structure of shallow-water hake (*Merluccius capensis*) in the Benguela Current Large Marine Ecosystem inferred using a geostatistical population model. *Fisheries Research*. 179, 156-167.

Andersen KH, Beyer J. (2015). Size structure, not metabolic scaling rules, determines fisheries reference points. *Fish and Fisheries*. 16(1), 1–22.

Kristensen K, Thygesen UH, Andersen KH, Beyer JE. (2014). Estimating spatio-temporal dynamics of size-structured populations. *Canadian Journal of Fisheries and Aquatic Sciences*. 71(2), 326-336.

Garcia SM, Kolding J, Rice J, Rochet M-J, Zhou S, Arimoto T, Beyer JE, Borges L, Bundy A, Dunn D, Fulton EA, Hall M, Heino M, Law R, Makino M, Rijnsdorp AD, Simard F, Smith ADM. (2012). Reconsidering the consequences of selective fisheries. *Science*. 335(6072), 1045-1047.

Hartvig M, Andersen KH, Beyer J. (2011). Food web framework for size-structured populations. *Journal of Theoretical Biology*. 272(1), 113-122.