

Short CV – Teunis Jansen

Degrees

- PhD, DTU Aqua, Technical University of Denmark (2012).
- MSc (Bio.), Copenhagen University, Denmark (1998).

Positions

- Senior Researcher, DTU Aqua, Technical University of Denmark (2016-present).
- Postdoc, Greenland Institute for Natural Resources (2014-2015).
- Postdoc, Benguela Current Commission, Namibia (2013).

Research area

Pelagic fish ecology in relation to fisheries, climate change and ecosystem dynamics in the Arctic. The aim is to provide new biological knowledge to improve sustainable management of pelagic fish resources.

Memberships of scientific committees, 2011-present

ICES expert groups: WGWIDE, NWWG, WGIPS and WGINOR.

Review, 2011-present

- Regularly reviewer for international journals including for PLOS One, ICES Journal of Marine Science, IPCC, Journal of Fish Biology etc.
- Two reviews for the Faroese Research Council.

Peer reviewed publications: 23. Books and book chapters: 1. Reports: 17. International conferences: 4.

Advisory tasks, 2011-present

Invited expert to provide scientific advice to the fisheries ministry of Denmark and Greenland during international fisheries negotiations in 2010, 2014, 2015 and 2016. Member of various ICES expert groups and one advice group.

Educational tasks, 2011-present

Fisheries and hunting in Greenland, University of Greenland, Nuuk (Contributor).

Supervision, 2011-present

PhD students: 1 (Main Supervisor); 1 (Co-supervisor).

Grants, 2011-present

- Greenlandic government: New pelagic fish resources in East Greenland (2015-2018, Core Applicant, PI).
- Polar Seafood: Acoustic detection of cetaceans – potential mackerel predators (ship time) (2015, Lead Applicant, PI).
- EU BEST 2.0: Sustainable management of fish species of local and national importance for the economy and ecosystem functioning in Greenland – solving the spatial problem (application submitted June 2016, Lead Applicant).
- Nordic Council of Ministers: Bluefin tuna: a returning fish species to Nordic waters (2016, Application Contributor, Participant).
- EFF: URSIN (mackerel) (2010, Application Contributor, Participant).

Research collaboration with stakeholders, 2011-present

Several scientific papers and ongoing projects are based on data collected by the commercial fishery. Multiple annual coordination and result dissemination meetings have been held with stakeholders and data contributors (from pelagic fishermen, their organizations and governmental authorities up to the fisheries minister and prime minister of Greenland).

Five selected publications

Jansen T, Post S, Kristiansen T, Oskarsson GJ, Boje J, MacKenzie BR, Broberg M, Siegstad H. (2016). Mackerel migration and climate in Greenland from 1870 to 2100. Ecological applications.

Jansen T, et al. (2016). Distribution and migration of shallow-water hake (*Merluccius capensis*) in the Benguela Current Large Marine Ecosystem examined with a geostatistical population model. Fisheries Research, 179, 156-167.

Jansen T. (2014). Pseudocollapse and Rebuilding of North Sea Mackerel (*Scomber scombrus*). ICES Journal of Marine Science, 71(2), 299-307.

Jansen T, Gislason H. (2013). Population Structure of Atlantic Mackerel (*Scomber scombrus*). PLoS One, 8(5), 1-10.

Jansen T, Gislason H. (2011). Temperature affects the timing of spawning and migration of North Sea mackerel. Continental Shelf Research, 31, 64-72.