

Short CV – Niels Jepsen

Degrees

- PhD, University of Aalborg, Denmark (1999).
- MSc, University of Aarhus, Denmark (1995).
- Exam Art, University of Odense, Denmark (1988).

Positions

- Senior Researcher, DTU Aqua, Technical University of Denmark (2009-present).
- Contract Agent, JRC (2006-2009).
- Senior Research Scientist, Danish Institute for Fisheries Research (DIFRES) (2003-2006).
- Research Scientist, DIFRES (2001-2003).
- Research Assistant, DIFRES (1995-2001)

Research area

Individual fish behaviour, predator-prey interactions, evaluations of tagging methods.

Memberships of scientific committees, 2011-present

Norwegian Research Council (leader, VANN-2015), National group for management of cormorant- fishery conflicts, Scientific advisory board of Wadden Sea National Park. Editoreal board of Journal of Limnology. Head of DTU animal welfare board.

Review, 2011-present

Journal of Fish Biology, Ecology of Freshwater Fish, Transactions of the American Fisheries Society Hydrobiologia, North American Journal of Fisheries Management, Fisheries Management and Ecology River Research and Applications, Journal of Applied Ichthyology, Experimental Marine Ecology Aquaculture, Boreal Environment Research, Marine Ecology Progress Series, Diseases of Aquatic Organisms, Marine & Freshwater Research, African Journal of Ecology, Marine and Freshwater Biology.

Peer reviewed publications: 48. **Books and book chapters:** 2. **Reports:** 12. **International conferences:** 18.

Advisory tasks, 2011-present

General advisory work within the fields of: Establishment of fauna passages in rivers, Management of cormorants, Mortality of salmonid smolts during passage of reservoirs, Implementation of the EU Waterframework directive, Handling of fishes, fish welfare.

Educational tasks, 2011-present

DTU courses: 25318 Aquatic Ecosystem Management (Responsible, with two others); 25329 Freshwater Organisms as Environmental Indicators (Responsible); 25320 Recreational Fishing (Contributor).

Supervision, 2011-present

Master students: 2 (Main Supervisor).

Grants, 2011-present

Three recent projects funded by the Danish Rod and Net Licence Funds. One project funded by the Danish Nature Agency (NST) and one by EU H2020.

Research collaboration with stakeholders, 2011-present

Direct project involvement with International, national and local recreational fishing organizations, national and regional environmental authorities as well as with the national fishery legislation and control.

Five selected publications

Jepsen N, Koed A, Thorstad EB, Baras E. (2002). Surgical implanting of telemetry transmitters in fish. How much have we learned? *Hydrobiologia*, 483, 239-248.

Jepsen N, Mikkelsen JS, Koed A. (2008). Effects of tag and suture type on survival and growth of brown trout with surgically implanted telemetry tags in the wild. *Journal of Fish Biology* 72, 594-602.

Jepsen N, Boutrup TS, Midwood J, Koed A. (2013). Does the level of asepsis impact the success of surgically implanting tags in Atlantic salmon? *Fisheries Research* 147, 344-348.

Wargo Rub AM, Jepsen N, Liedtke TL, Moser ML, Weber EPS. (2014). Surgical Tagging and Telemetry Methods in Fisheries Research: Promoting Veterinary and Research Collaboration. *American Journal of Veterinary Research*, 75, 402-416.

Jepsen N, Thorstad EB, Havn T, Lucas M. (2015). The use of external electronic tags on fish – an evaluation of tagging effects. *Animal Biotelemetry*, 3, 49. DOI 10.1186/s40317-015-0086-z.