

Short CV – Christian Skov

Degrees

- PhD, University of Copenhagen, Denmark (2002).
- MSc, Aarhus University, Denmark (1998).

Positions

- Associate Professor, DTU Aqua, Technical University of Denmark (2013-present).
- Senior Researcher, Danish Institute for Fisheries Research (DIFRES)/DTU Aqua (2006-2013).
- Postdoc, Department of Limnology, Lund University, Sweden (2003-2004).
- Research Scientist, DIFRES (2002-2003 & 2004-2006.)
- Research Assistant, DIFRES (1998-2002).

Research area

Migration of freshwater fish; Predator-prey interactions in freshwater systems; Management of recreational fisheries. Human dimensions and citizen science in fisheries management.

Memberships of scientific committees, 2011-present

Danish Natural and Environmental Board; Advisory board for “Besatzfisch” project, German Federal Ministry of Education and Research (BMBF) (2010-2013); Working group under Royal Swedish Academy of Sciences evaluating the influence of fish removal on water quality in temperate eutrophic lakes (2012-2015), PhD assessment committees: Lund and Bergen University; Reviewer for Academy of Finland (2013-ongoing); Member of ICES working group on recreational fisheries (WGRFS) (2014-present).

Review, 2011-present

About 50 reviews for various academic journals.

Peer reviewed publications: 90. Books and book chapters: 1. Reports: 17. International conferences: 23.

Advisory tasks, 2011-present

General advisory work for ministries, local environmental authorities, stakeholders and anglers within the fields of: Lake ecology, Biomanipulation, Recreational fisheries management.

Educational tasks, 2011-present

DTU courses: 25320 Recreational Fisheries; Biology, Management and Human Dimensions (Responsible); 25803 Study Group in Population Ecology and Genetics (Responsible); 25307 Fisheries Ecology and Assessment (Contributor); KU028 Applied Marine and Freshwater Ecology (Responsible). Supervisor for various bachelor and individual courses. Guest lecturer at Aarhus University and University of Copenhagen. Participation in education-program in teaching university students (UDTU) (2010-2012). VIP member of the Institute Study Board.

Supervision of PhDs, 2011-present

PhD students: 1 (Main Supervisor); 5 (Co-supervisor). **Master students:** 3 (Main Supervisor).

Grants, 2011-present

- Danish Rod and Net Fishing License Funds: Migration of lake fish (2011-2016, PL).
- Danish Rod and Net Fishing License Funds: Handbook for management of lake fish and fisheries (2011-2013, PL).
- Danish Rod and Net Fishing License Funds and Tips & Lotto: Anglers Mobile App (Fangstjournalen); a mutual service platform between research and citizens (2014-2016, PL).

Research collaboration with stakeholders, 2011-present

Cooperation with anglers associations on implementation of a web based management tool for lake fisheries management. and implementation of a web and mobile telephone based application for collecting information about anglers fishing-effort and catch.

Other activities 2011-present

35 publications in popular science magazines and on the web (i.e. fiskepleje.dk).

Five selected publications

Skov C, Jepsen N, Baktoft H, Jansen T, Pedersen S, Koed A. (2014). Cormorant predation on PIT-tagged lake fish. *Journal of Limnology*. 73(1), 177-186.

Skov, C., Chapman, B. B., Baktoft, H., Brodersen, J., Brönmark, C., Hansson, L-A., Hulthén, K. & Nilsson, P. A. (2012). Migration confers survival benefits against avian predators for partially migratory freshwater fish. *Biology Letters*. 9(2), 1178-1182.

Jansen T, Arlinghaus R, Als TD, Skov C. (2013). Voluntary angler logbooks reveal long-term changes in a lentic pike, *Esox lucius*. *Fisheries Management and Ecology*. 20, 2-3, 125-136.

Chapman BB, Skov C, Hulthén K, Brodersen J, Nilsson PA, Hansson L-A, Brönmark C. (2012). Partial migration in fishes: definitions, methodologies and taxonomic distribution. *Journal of Fish Biology*. 81(2), 479-499.

Skov C, Baktoft H, Brodersen J, Brönmark C, Chapman BB, Hansson L-A, Nilsson PA. (2011). Sizing up your enemy: individual predation vulnerability predicts migratory probability. *Proceedings of the Royal Society of London, Biological Sciences*. 278(1710), 1414-1418.