

Short CV – Stig Pedersen

Degrees

- MSc, Aarhus University, Denmark (1989)

Positions

- Researcher (technical), DTU Aqua, Technical University of Denmark (1993-present).
- Freshwater Biologist (restoration of wetlands), Horsens Municipality, Denmark (1990-1993).

Research area

- Stream habitat quality for salmonid fishes, stream maintenance, habitat restoration and effects from raised levels of fine sediment.
- Evaluation of fishing pressure, habitat quality and species complexity on populations of brown trout.

Memberships of scientific committees, 2011-present

- ICES Working Group on Baltic Salmon and Trout (2002-present).
- ICES Review Group/Advice Drafting Group – Salmon (RG/ADGSAL) (2008-2012)

Peer reviewed publications: 14. Reports: 4. International conferences: 1.

Advisory tasks, 2011-present

ICES Review Group/Advice Drafting Group – Salmon (RG/ADGSAL) (2008-2012) on salmon and sea trout fisheries in the Baltic Sea.

Research collaboration with stakeholders, 2011-present

Collaboration with anglers associations on effects from fishing pressure, habitat quality and species complexity on populations of salmon and brown trout and with environmental authorities on effect from habitat restoration projects.

Five selected publications

Skov C, Aarestrup K, Sivebæk F, Pedersen S, Vrålstad T, Berg S. (2011). Non-indigenous signal crayfish *Pacifastacus leniusculus* are now common in Danish streams: preliminary status for national distribution and protective actions. *Biological Invasions* 13:1269-1274.

Pedersen MI, Jepsen N, Aarestrup K, Koed A, Pedersen S, Økland F. (2011). Loss of European silver eel passing a hydropower station. *Journal of Applied Ichthyology* 2011:1-5.

Jacobsen JA, Hansen LP, Bakkestuen V, Halvorsen R, Reddin DG, White JL, O'Maoileidigh N, Russell IC, Potter EC, Fowler M, Smith GW, Mork KA, Isaksson A, Oskarsson S, Karlsson L, Pedersen S. (2012). Distribution by origin and sea age of Atlantic salmon (*Salmo salar*) in the sea around the Faroe Islands based on analysis of historical tag recoveries. *ICES Journal of Marine Science*, 69 (9): 1598-1608.

Conallin J, Boegh E, Olsen M, Pedersen S, Dunbar MJ, Jensen JK. (2014). Daytime habitat selection for juvenile parr brown trout (*Salmo trutta*) in small lowland streams. *Knowledge and Management of Aquatic Ecosystems*. 413, 09.

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.