Short CV – Kim Aarestrup

Degrees

- MSc, Aarhus University, Denmark (1995).
- PhD, Aalborg University, Denmark (2001).
- Exam. econ., Aarhus University, Denmark (2004).

Positions

- Research assistant, Danish Institute for Fisheries Research (DIFRES) (1995-2001).
- Scientist, DIFRES (2001-2006).
- Senior researcher, DIFRES/Section for Freshwater Fisheries Ecology, National Institute of Aquatic Resources (DTU Aqua), Technical University of Denmark (since 2006).

Research area

Describing and understanding migration of fishes, particularly salmonids and eel. Genetic and physiological status of fish and their effect on migration. Impact of obstacles (such as weirs, hydropower stations etc.) on fish migration. Development of telemetry as tools in ecological studies.

Review, 2006-present

- Review of manuscripts for various journals, e.g. Canadian Journal of Fisheries and Aquatic Sciences, Ecology of Freshwater Fish, Hydrobiologia, New Zealand Journal of Marine and Freshwater Research, Aquatic Living Resources, North American Journal of Fisheries Management, Marine Technology Society Journal, Journal of Fish Biology, Journal of Applied Ichtyology, Nature Communications.
- Evaluation of research proposals under: (i) Research Council Canada,(ii) Netherlands Organisation for Scientific Research, (iii) Estonian Research Council, (iv) National Research Council UK.

Peer reviewed journal publications: 53. **Books and book chapters:** 1. **Reports:** 6. **International conferences:** 12.

Advisory tasks, 2006-present

General advisory work within the fields of: Establishment of fauna passages in rivers, Passage of migratory fish by fish farms, Mortality of salmonid smolts during passage of reservoirs, Telemetry use in animal research, Production of fish in rivers, Management of river fisheries. Member of the Nordic Group on Fish passage and Member of the ERFA group on water abstraction and fauna passage at fishfarms.

Supervision of PhDs, 2006-present:

Five.

Grants, 2006-present

- EU FP7: European Eel in the Atlantic, assessment of their decline (EELIAD) (2008-2012; WP leader).
- Swedish Research Council FORMAS: Sustainable smolt production - an integrated approach (SMOLTPRO) (2009-2014; member of coordinating comitee); Salmon at sea (SAS) (2010-2014; member of coordinating comitee).
- EU Intereg III: Living North Sea (LNS) (2009-2012; PI)
- Danish Rod and Net Fishing License Funds: Development of a sea trout population after weir removal (Ongoing; PI); Marine life and survival of sea trout. (Ongoing; PI).; Evaluating stockings of salmon and trout. (Until 2008; PI); Implementation of new techniques in relation to fish behaviour studies. (until 2007; PI); Postsmolt migration and behaviour of wild and stocked Atlantic salmon in an estuary (Until 2007; PI); Temporal dispersal and characteristics of a sea trout population. (Until 2008; PI).
- Danish Ministry of Food, Agriculture and Fisheries and and Euopean Fisheries Fund (EFF): Fish farm weirs impact on recruitment, mortality and dispersal on fish and invertebrates (Until 2008; PI).

Research collaboration with stakeholders, 2006-present

Various national consultation, coordination and expert groups with industry, NGO's and authorities; Various research projects with stakeholder participation; Member of the Nordic Group on fish passage; Member of the ERFA group on water abstraction and fauna passage at fishfarms.