

Martin Hage Larsen – Short CV

ORCID

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Degrees

- MSc, Faculty of Science, Aarhus University, Denmark (2011).
- PhD, National Institute of Aquatic Resources (DTU Aqua), Technical University of Denmark (2015).

Positions

- 2022-present: Tenure track researcher. Technical University of Denmark, National Institute of Aquatic Resources, Section for Freshwater Fisheries and Ecology, Denmark.
- 2021-2022: Postdoctoral researcher. Technical University of Denmark, National Institute of Aquatic Resources, Section for Freshwater Fisheries and Ecology, Denmark.
- 2015-2021: Research Assistant, The Danish Centre for Wild Salmon, Denmark.
- 2011: Research Assistant, Department of Biological Sciences, Marine Ecology, Aarhus University, Denmark.

Research area

My research focuses on the ecology of freshwater fish, where biotelemetry serves as the primary tool to study fish behaviour, migration, survival, and responses to environmental stressors. Key focus areas include catch-and-release effects on fish, performance of stocked salmonids, predator-prey dynamics, impacts of physical barriers on fish migration, and the influence of lake restoration on fish behaviour. The main objective is to generate knowledge that supports applied ecological research and informs fisheries and conservation management.

Distinctions and awards

- Best poster, Danish Ocean Meeting, Helsingør, 2009.

Publications

Type of publication:	Number
Web of Science publications:	34
Citations:	507
<i>h</i> -index:	15
Other peer review publications:	
Reports:	12

International conferences (last 5 years)

Type of participation:	Number
Contributions:	10

Evaluation tasks and reviews (last 5 years)

Associate Editor for Fish Ecology, a section within Frontiers in Fish science.

Reviewer for: Movement Ecology • General and Comparative Endocrinology • River Research and Applications • Journal of Fish Biology • Fisheries Research • Behavior Research Methods • Frontiers in Ecology and Evolution • North American Journal of Fisheries Management • Marine and Freshwater Research • North American Journal of Aquaculture • Journal of Freshwater Ecology

Educational tasks at academical level (last 5 years)

- 2024-present: Co-responsible for the course at Technical University of Denmark entitled "Management, biodiversity, and conservation of aquatic ecosystem", BSc and MSc course (5 ECTS).
- 2023-present: Teaching assistant in "Ecology", BSc course (5 ECTS) at Technical University of Denmark, National Institute of Aquatic Resources.

Supervision (ongoing or finished in the last 5 years)

	Principal/main supervisor	Co-supervisor
Other (MSc etc.)	2	0
PhD:	0	1

Grants (competitive) (ongoing or finished within last 5 years)

- 2025: Patagonia (96000 DKK).
- 2016: Innovation Fund Denmark (20 mill. DKK.).

Selected publications

Larsen, M.H., Palder, O.J., Gundelund, C., Schnedler-Meyer, N.A., Ravn, H.D., Skov, C. (2024). Anatomical hooking location and bleeding occurrence in northern pike (*Esox lucius*) caught in recreational catch-and-release angling in a lake with reduced prey fish availability. *Fisheries Research*. 273: 106906.

Larsen MH, Thorn AN, Skov C, Aarestrup K. (2013). Effects of passive integrated transponder tags on survival and growth of juvenile Atlantic salmon *Salmo salar*. *Animal Biotelemetry* 1:19.

Larsen MH, Johnsson JI, Näslund J, Thomassen ST, Aarestrup K. (2016). Reduced rearing density increases postrelease migration success of Atlantic salmon (*Salmo salar*) smolts. *Canadian Journal of Fisheries and Aquatic Sciences* 73, 804–810. 10.1139/cjfas-2014-0563

Midwood JD, Larsen MH, Aarestrup K, Cooke SJ. (2016). Stress and food deprivation: linking physiological state to migration success in a teleost fish. *Journal of Experimental Biology* 219, 3712–3718. 10.1242/jeb.140665

Birnie-Gauvin K, Larsen MH, Nielsen J, Aarestrup K. (2017). 30 years of data reveal dramatic increase in abundance of brown trout following the removal of a hydrodam. *Journal of Environmental Management* 204, 467–471. 10.1016/j.jenvman.2017.09.022