



CV – Ole Henriksen

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Degrees

2020:	PhD, Spatiotemporal Population Dynamics, DTU Aqua, Denmark
2015:	MScEng, Fisheries, DTU Aqua, Denmark
2012:	BSc, Marine Biology and Zoology, James Cook University, Australia

Positions

2023-present:	Researcher, DTU Aqua, Denmark
2020-2023:	Postdoctoral Researcher, DTU Aqua, Denmark
2017-2020:	PhD Student, DTU Aqua, Denmark
2016-2017:	Research Scientist, DTU Aqua, Denmark
2012-2015:	Student Assistant, DTU Aqua, Denmark
2010-2012:	Student Assistant, James Cook University, Australia

Research area

Quantitative biologist in ecology looking into spatiotemporal dynamics of fish populations and stocks within fisheries and ecosystems through time. I am particularly interested in the evaluation of sustainable fisheries and the prediction of fish productivity coupled with environmental and demographic processes. Furthermore, I couple experimental work in understanding fundamental behaviour and animal response.

Advisory tasks

2017-present:	ICES Assessment Working Groups (HAWG and WGWISE)
2021:	ICES Scientific Workshop (WKCLIMAD)
2019-2020:	ICES Scientific Working Groups (WGS2D).

Publications

Peer Reviewed Publications: 9. Book chapters: 0. Reports: 25.

Citations and h-index

[Google scholar](#)

[Orcid](#)

[Web of Science](#)

[Sematic scholar](#)

Granted projects

2023-present: Maintaining a sustainable industrial fishery for sprat in the North Sea and IIIa (BEBRIS-2, EMFAF, Project leader)

2025-present: Prøveindsamling i forsøgsfiskeri efter stenbider (PRØV-STEN, FaF, Project leader)

Peer reviewed publications

Henriksen, O., Moran, N. P., Veilex, L. A., Behrens, J. W., Nielsen, A., Mildemberger, T., Wright, P. J., Jensen, H., & van Deurs, M. (2024). Effects of sediment type and light availability on the burying behaviour of small sandeel (*Ammodytes tobianus*). *Journal of Experimental Marine Biology and Ecology*, 577, 152020.

van Deurs, M., Jacobsen, N. S., Behrens, J. W., **Henriksen, O.**, & Rindorf, A. (2023). The interactions between fishing mortality, age, condition and recruitment in exploited fish populations in the North Sea. *Fisheries Research*, 267, 106822.

Henriksen, O., Rindorf, A., Mosegaard, H., Payne, M. R., & van Deurs, M. (2021). Get up early: Revealing behavioral responses of sandeel to ocean warming using commercial catch data. *Ecology and Evolution*, 11(23), 16786-16805.

Henriksen, O., Rindorf, A., Brooks, M. E., Lindgren, M., & van Deurs, M. (2021). Temperature and body size affect recruitment and survival of sandeel across the North Sea. *ICES Journal of Marine Science*, 78(4), 1409-1420.

van Deurs, M., Brooks, E. M., Lindegren, M., **Henriksen, O.** & Rindorf, A. (2021). Biomass limit reference points are sensitive to estimation method, time-series length and stock development. *Fish and Fisheries*, *22*(1), 18-30.

Toxværd, K. U., Dinh, K. V., **Henriksen, O.**, Hjorth, M. & Nielsen, T. G. (2019). Delayed effects of pyrene exposure during overwintering on the Arctic copepod *Calanus hyperboreus*. *Aquatic Toxicology*, *217*, 105332.

Rindorf, A. **Henriksen, O.** & van Deurs, M. (2019). Scale-specific density dependence in North Sea sandeel. *Marine Ecology Progress Series*, *619*, 97-110.

Toxværd, K. U., Dinh, K. V., **Henriksen, O.**, Hjorth, M. & Nielsen, T. G. (2018). Impact of Pyrene exposure during overwintering of the Arctic Copepod *Calanus glacialis*. *Environmental Science and Technology*, *52* (18), 10328-10336

Henriksen, O., Christensen, A., Jonasdottir, S., MacKenzie, B. R., Nielsen, K. E., Mosegaard, H. & van Deurs, M. (2018). Oceanographic flow regime and fish recruitment: reversed circulation in the North Sea coincides with unusual strong sandeel recruitment. *Marine Ecology Progress Series*, *607*, 187-205

van Deurs, M., Kokkalis, A., Rindorf, A., Trijoulet, V., Vinther, M., Brooks, M. E., Jacobsen, N. S., **Henriksen, O.**, Behrens, J., & Håkansson, K. B. (2022). *Ecosystem based management of fish stocks in the North Sea (ECOMAN)*. DTU Aqua. DTU Aqua-rapport No. 415-2022

Relevant reports

van Deurs, M., Mildenerger, T., Søvik, G., Moland, E., **Henriksen, O.**, Brown, E. J., Bergström, U., & Sköld, M. (2024). *Fish stocks in Skagerrak with management shortcomings*. Nordic Council of Ministers. Nord Vol. 2024 No. 032 <https://doi.org/10.6027/nord2024-032>

Melià, P., Schiavo, A., Einberg, H., Ojaveer, H., Rubene, G., Putnis, I., Neuenfeldt, S., **Henriksen, O.**, Rindorf, A., Voss, R., Kühn, B., Taylor, M., Kempf, A., Depestele, J., Tirronen, M., Kuparinen, A., Ibaibarriaga, L., Uriarte, A., Citores, L., ... Vassilopoulou, V. (2024). *SEAWISE Report on improved predictive models of recruitment under different environmental scenarios*. <https://doi.org/10.11583/DTU.24948081>

Boye, A. G., Rindorf, A., O'Neill, B., Riisager-Simonsen, C., Dinesen, G. E., Mosegaard, H., Stounberg, J., Feekings, J. P., Egekvist, J., Dalskov, J., Krag, L. A., van Deurs, M., Vinther, M., **Henriksen, O.**, Eigaard, O. R., Frandsen, R. P., & Neuenfeldt, S. (2023). *DTU Aquas leverancer til Fiskerikommissionen*. DTU Aqua. DTU Aqua-rapport No. 438-2023.

van Deurs, M., Bekkevold, D., Huwer, B., **Henriksen, O.**, Albertsen, C. M., Munk, P., Storr-Paulsen, M., Makri, M., Davies, J. O., Mildenerger, T., & Jensen, G. H. (2022). *Pelagic species – A contribution to the preservation of sustainable pelagic fisheries in the North Sea (PELA)*. DTU Aqua. DTU Aqua-rapport No. 403-2022

Published thesis

Henriksen, O. (2020) The factors driving the spatiotemporal population dynamics of sandeel in the North Sea, *PhD thesis*

Henriksen, O. (2015) Genetic insights into the population composition of two regional inshore mixed stocks of Atlantic cod (*Gadus morhua*) in West Greenland, *Master thesis*

Science communication an outreach

Internet articles:

[Politiken](#), [Zetland](#), [Børsen](#), [TV2 Lorry](#); [Norrdjurs lokaavisen](#)

Features in following Newspapers:

Politiken, Nordjyske, Køge Dagblad, Aarhus Stifttidende, Jydske Vestkysten (Please ask for more information on other material)

Television:

[TV2 NEWS primetime](#); [TV2 Øst](#); 24Nordjyske (Please ask for more information on this material)

Podcast:

[Zetland](#)

DTU news:

[Sandbanker og muslingerev](#), [tobis og sand](#), [tobis og strøm](#)

Video:

[Communication on our Policy Brief for project SAMSKAG](#); [Video about our research in HabFish-II](#); [Happy World Oceans Day from the ICES community](#)

Administrator for [DSFMB Facebook page](#), which main aim is to raise awareness of marine biology.

Social media:

[LinkedIn](#)

[X](#)

[BlueSky](#)