

Mikael van Deurs

Year of birth: 1977

ORCID

0000-0003-2368-2502

Degrees

BSc (Marine Biology), University of California, USA (2002).

MSc, University of Copenhagen, Denmark (2005).

PhD, Technical University of Denmark (2010).

Positions

Student Help, PISCO Lab., University of California, USA (2001-2002).

Research Assistant, Danish Institute for Fisheries Research, Denmark (2005-2007).

PhD Student, University of Copenhagen/Technical University of Denmark (2007-2010).

Postdoc, DTU Aqua, Technical University of Denmark (2010-2013).

Researcher, DTU Aqua, Technical University of Denmark (2013-2016).

Postdoc, Lund University, Sweden (2014-2016).

Senior Researcher, DTU Aqua, Technical University of Denmark (2016-2019).

Associate Professor, Section for Ecosystem based Marine Management, Technical University of Denmark (2019-present).

Professor, Section for Ecosystem based Marine Management, Technical University of Denmark (2025-present).

Research area

My research focuses on supporting conservation agendas and ecosystem-based fisheries management for exploited fish species in both coastal and offshore habitats. This work integrates ecological processes, such as species interactions, species-habitat dynamics, and responses to environmental change, through the use of models, statistical data analysis, and field studies. Engaging with stakeholders and clearly communicating data and status assessments to wider audiences form a vital foundation of my research.

Coordinates the research area *Fish stocks and their habitats* internally at the institute.

Distinctions and awards

Danish Research Council (individual FNU postdoc grant. Title: Great feasts of nature 2014-2016).

Web of Science publications: 52. **Citations** (since 2021, Google Scholar): 1329. **h-index** (since 2021, Google Scholar): 23. **Book chapters:** 1. **Reports:** 42.

Advisory tasks, last 5 years

§-7 advisory committee under the Danish Agricultural and Fisheries Agency (aka "*Fiskeplejen*") (2022 - present)

Research Area Coordinator since 2023 (Dynamics and Management of Exploited Species).

Stock assessor ICES (4 stocks until 2023, 2 stocks 2023-2024).

Part of the advisory team at DTU Aqua providing advice to national authorities.

Taught stock advice to DGMARE officials (2021-2023).

Educational tasks at academical level, last 5 years

DTU course MSc: Fisheries ecology and assessment 10 ects (course responsible until 2023).

DTU course MSc: Applied Fisheries Ecology 5 ects (course responsible since 2023).

Chair of the DTU Aqua Study Board (2020-2023).

Coordinator for the fisheries study line of the MSc programme Aquatic Science and Technology (2019-2023).

Contributed to the establishment of the MSc programme Sustainable Fisheries and Aquaculture with responsibility for the studyline Fisheries Biodiversity and Resource Management (2022-2023).

Master thesis projects: 5.

Bachelor thesis projects: 7.

Special courses: 7.

Supervision, last 5 years

PhD students, as Main supervisor: Daniel Rooth (since September 2024), Amalie Broegaard-Iversen (since November 2025).

PhD students, as co-supervisor: Magnus Højen Husen (since August 2024), Jasmin Ann-Christine Thomassen (since May 2026).

Postdocs: Ole Henriksen, Casper Gundelund Jørgensen (still ongoing).

Research Assistants: Jasmin Ann-Christine Thomassen, Cornelia Hindhede Warrer

Collaboration with other stakeholders, last 5 years

Dansk Amatørfiskerforening, Danmarks Fritidsfiskerforbund, Danmarks Sportsfiskerforbund, Danmarks Fiskeriforening Producent Organisation, Tænketanken Hav, Ringkøbing-Skjern Kommune, Miljøministeriet, Fiskeristyrelsen og Ministeriet for Fødevarer, Landbrug og Fiskeri.

Grants (as grantholder/PI/coordinator), last 5 years

2025-present (grant holder and PI) Nordic Council of Ministers, SAMSKAG2

2025-present (grant holder and PI) Grøn Omstilling, EFISH

2024-present (grant holder and PI) European Fisheries Fund, COASTFISH.

2023-present (grant holder and PI) Åge V. Jensen, REWILD.

2023-present (grant holder and PI) Villum Experiment, GEOFISH.

2023-present (PI of Aqua's share (IMR is project coordinator) and work package leader) Horizon2020, MARHAB.

2022–present (PI of Aqua's share (IMR is project coordinator) and work package leader) Nordic Council of Ministers, SAMSKAG.

Selected publications, last 5 years

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.

Rindorf, A., **van Deurs, M.**, Howell, D., Andonegi, E., Berger, A., Bogstad, B., ... & Collie, J. (2022). Strength and consistency of density dependence in marine fish productivity. *Fish and Fisheries*, 23(4), 812-828.

van Deurs, M., Persson, A., Nilsson, P. A., & Jørgensen, C. (2022). Fish resist temptation from junk food: state-dependent diet choice in reproductive Atlantic cod *Gadus morhua* facing seasonal fluxes of lipid-rich prey. *Oikos*, 2022(7).

van Deurs M, Brooks ME, 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.