DTU Aqua
National Institute of Aquatic Resources

Nicolas Azaña Schnedler-Meyer – Short CV

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Degrees

- 2017 PhD from the Centre for Ocean Life, DTU Aqua
- 2014 MSc in Aquatic Science and Technology at DTU Aqua
- 2011 BSc in Biology from the University of Copenhagen

Positions

- 2020-2025 PostDoc at DTU Aqua
- 2023-2025 Part-time work for Bolding & Bruggeman
- 2018-2020 PostDoc at Instituite for BioScience, Aarhus University

Research area

My research centers around the development and implementation of mechanistic models of aquatic ecosystems, with a focus on how to improve model descriptions of species interactions and population dynamics in complex ecosystem model, in order to understand and eventually help restore degraded marine ecosystems.

Publications

Type of publication:	**Number**
Web of Science publications:	**9**
Citations:	**99**
h-index:	***5***
Other peer review publications:	**1**
Books:	**0**
Book chapters:	**0**
Reports:	**0**

International conferences (last 5 years)

Type of participation:	**Number**
Contributions as first author:	2
Invited:	0
Organizing role:	0

Evaluation tasks and reviews (last 5 years)

- 1 review conducted for the Journal of Plankton Research
- 1 review conducted for Freshwater Biology

Educational tasks at academical level (last 5 years)

- Co-supervisor for a special course on Lake Ecology and Acoustic Positional Telemetry Systems

Selected publications

- Schnedler-Meyer, N.A., and Andersen, T.K. (2024) Dining in danger: Resolving adaptive fish behavior increases realism of modeled ecosystem dynamics. Ecology and Evolution.
- Schnedler-Meyer, N.A., Hu, F., Bolding, K., Andersen, T.K., Nielsen, A., and Trolle, D. (2022) Water Ecosystems Tool (WET) – a new generation of flexible aquatic ecosystem modelling software. Geoscientific Model Development.
- Schnedler-Meyer, N.A., Pigolotti, S. & Mariani, P. (2018): Evolution of complex asexual reproductive strategies in jellyfish. The American Naturalist.
- Schnedler-Meyer, N.A., Kiørboe, & T., Mariani, P. (2018): Boom and Bust: Life history, environmental noise, and the (un)-predictability of jellyfish blooms. Frontiers in Marine Science
- Schnedler-Meyer, N.A., Mariani, P. & Kiørboe, T. (2016): The global susceptibility of coastal forage fish to competition by large jellyfish. Proceedings of the Royal Society B.