

# Prof. Dr. Ursula Gaedke

## Personal Details

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Google scholar	<a href="https://scholar.google.de/citations?user=5rTcvDAAAAAJ&amp;hl=en">https://scholar.google.de/citations?user=5rTcvDAAAAAJ&amp;hl=en</a>
Website	<a href="https://www.uni-potsdam.de/en/ibb-ecology/">https://www.uni-potsdam.de/en/ibb-ecology/</a> (English) <a href="https://www.uni-potsdam.de/ibb-ecology/">https://www.uni-potsdam.de/ibb-ecology/</a>

## Positions

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Since 1999	Head of the Dept. Ecology/Ecosystem modelling, full professor (C4)
1992-1999	Scientific Assistant ("Assistant Professor"), University of Constance
1986-1991	Post-Doc in the Special Collaborative program (SFB 248) "Cycling of Matter in Lake Constance", University of Constance
1995	Habilitation at University of Constance, Ecology & Limnology
1988	PhD University of Oldenburg (Prof. W. Ebenhöf, Mathematics)
1984	Diploma Applied Statistics, Oxford University, GB, funded by DAAD
1983	Master in Biology, Univ. Oldenburg, Thesis at the Netherlands Institute for Sea Research, NL, studies funded by German Academic Scholarship Foundation (Studienstiftung)

## Fields of Interest

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Quantitative dynamics of plankton communities and food webs, and their adaptability to altered conditions depending on their functional diversity.

Interplay between mathematical modelling, long-term field observations at Lake Constance, and experiments with plankton to advance ecological theory and to understand direct and indirect consequences of biodiversity loss and climate change.

## Collaborative Research

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Head of the DFG priority programme DynaTrait (2014-2024): Flexibility matters: Interplay between trait diversity and ecological dynamics using aquatic communities as model systems

## Peer-reviews for Funding Agencies

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Austrian Academy of Science, EU, Belmont Forum, BiodivERSA, Dutch Research Council (NWO), European Science Foundation (ESF), Florida Sea Grant (USA), German federal Ministry (BMBF), German Science Foundation (DFG), Great Lakes Fishery Commission, USA, Helmholtz Society, Humboldt-Foundation, Kompetenzzentrum Wasser Berlin, Margarete von Wrangell-Habilitationsprogramm, National Science Foundation (NSF, USA), Natural Environmental Research Council (NERC, UK), Swiss National Science Foundation, The Israel Science Foundation (ISF), United States-Israel Binational Science Foundation

## Member of scientific advisory boards and evaluation panels and other community services

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Member of the Senate of the Leibniz-Association (2022-) and sub-committees (2010-2017, 2022-)

Evaluation committee of the Senate of the Leibniz-Association ((vice-)chairing evaluations of research institutes, 2010-2017)

Evaluations for the Wissenschaftsrat and Helmholtz Society

Member of KOWA (Commission of the Senate of the German Science Foundation (DFG); 2009-2014)

Advisory board of the Institute for the Chemistry and Biology of the Sea (ICBM, University of Oldenburg (2008-2016, chair 2012-2016)

Evaluations of working groups for the Saxony Academy of Science and DFG

ProProfessur - Mentorin für hochqualifizierte Wissenschaftlerinnen (2013-2016)

Organizer of two DGL conferences, 8 international conferences/workshops within Dynatrait, and other workshops

## University Self-Administration

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Member (2014-2017) and chair (2018-2019) of our Master Programme Ecology, Evolution and Nature Conversation

Chair of the Institute of Biochemistry and Biology (2012-2014, vice-chair 2008-2010) Chair of committee for equal opportunity affairs (2001-2006)

Member (2005-2009) and chair (2006-2008) of the board of the Bachelor Programme Biological Sciences implementing our Bachelor programme,

Chair/member of numerous other boards and committees (institute, faculty and university level), member, chair or referee of numerous in- and external search committees for professorships (2000-), member of the senate committee for development and finances of Potsdam University (2021-2022)

## Supervision of Junior Scientists Awards

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First supervisor of 15 completed PhDs and 3 ongoing dissertations, 4 completed and 2 ongoing habilitations

Naumann-Thienemann Medal of the International Society of Limnology / Societas  
Internationalis Limnologiae (SIL) in 2016

## Procured Funding

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Overall national and international competitive research funding procured: 6.8 M€ of which 4.5 M€ from DFG