

Employment

Associate Professor

Terrestrial Ecology

København Ø

1 Apr 2019 → nu

Center for Volatile Interactions

København Ø, Denmark

2 Jan 2023 → nu

ORCID 0000-0003-3140-9864

DATE OF BIRTH July 01, 1983, Germany

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EDUCATION

2013 (April 1st) PhD in Forest Ecology, Bangor University, UK

2009 (April 1st) Master of Science, Ecology, University of Marburg, Germany

RESEARCH FIELDS

Ecology, nitrogen fixation, cyanobacteria, mosses, symbioses, biogeochemistry, Ecosystem Ecology

POSITIONS

2023 — Associate Professor

Terrestrial Ecology Section, Dept. of Biology, Univ. of Copenhagen, Copenhagen, Denmark (UCPH)

2019 – 2022 Tenure-Track Assistant Professor

Terrestrial Ecology Section, Dept. of Biology, Univ. of Copenhagen, Copenhagen, Denmark (UCPH)

2016 – 2019 Assistant Professor

Terrestrial Ecology Section, Dept. of Biology, UCPH

02.2016 – 08.2016 Postdoctoral researcher

Center for Permafrost (CENPERM), Dept. of Geosciences and Natural Resources, UCPH

01.2014 – 01.2016 Postdoctoral researcher

Terrestrial Ecology Section, Dept. of Biology, UCPH.

06.2013 – 12.2013 Postdoctoral researcher

Microbial Ecology, Dept. of Biology, Lund University, Lund, Sweden.

12.2009 – 12.2012 PhD researcher

FUNDING (last 3 years)

2022 *Royal Society New Zealand* Catalyst Fund “Moss: the secret fertiliser of Aotearoa’s rainforests?”. Co-PI. 2023-2024. 80,000 \$.

2022 *Danish National Research Foundation*, Center of Excellence “Center for Volatile Interactions”. Co-PI. 2023-2029. 60 mDKK.

2020 *SCIENCE* Faculty support for PhD course “Plant Soil Microbe Interactions”. 70,000 DKK

2020 *European Research Council*, ERC Starting Grant. 2021-2026. 1.5 Mio €

SUPERVISION AND TEACHING

Formal training: Pedagogic Course for University Teachers (“Universitetspædagogikum”), UCPH, 2015–2016. Supervision of PhD students, UCPH, 2018. Leading Research – A leadership course, UCPH, 2019.

Supervised >10 BSc students, 5 MSc students, 2 PhD students, 3 postdocs since 2018

Current teaching: PhD course Plant Soil Microbe interactions; BSc courses Plant Ecophysiology (course organisation since 2020), Basic Ecology; MSc courses Terrestrial Ecosystem Processes and Global Change; Climate Change and Biogeochemical Cycles; Climate Change – an Interdisciplinary Challenge. Lund University: PhD course Global Elemental Cycles and Environmental Change.

COMMISSION OF TRUST - ACADEMIC SERVICE

Reviewer for the following (27) academic journals: Applied Soil Ecology, Arctic Antarctic & Alpine Research, Biogeochemistry, Biogeosciences, Canadian Journal of Forest Research, Ecological Indicators, Ecology, Ecology and Evolution, Ecosystems, Ecotoxicology, Environmental Pollution, European Journal of Soil Biology, FEMS, Forest Ecology and Management, Functional Ecology, Geoderma, Global Change Biology, ISME, Journal of Ecology, mBio, New Phytologist, Oecologia, Plant and Soil, PLoS ONE, PNAS, Polar Biology, Science of the Total Environment Consulting Editor for Plant and Soil (2019 –).

Editorial Board Member for European Journal of Soil Biology (2021 –).

Editorial advisory board member for Global Change Biology (2023 –).

Guest editor for special issue “Microbial nitrogen processes in aquatic and terrestrial environments” in Trends in Microbiology and iScience (2023).

Grant Reviewer: The National Science Foundation (NSF), USA; Geoverbund ABC/J, Germany; Canadian Research Council, Canada; US Army; Alexander von Humboldt Foundation, Germany.

Examination board: PhD theses: D. Warshan. Supervisor: U. Rasmussen, Stockholm University, Sweden, October 2017; W. Sawangproh, Supervisor: N. Cronberg, Lund University, Sweden, May 2019; A. Neubauer, Supervisor: Peter Szövényi,

University of Zürich, Switzerland, June 2023.

Member of the Strategic Research Board, Dept. of Biology, UCPH, 2020 – 2023

Member of the Research Board, Dept. of Biology, UCPH, 2023 –

Member of the Ecology Cluster Steering Committee, Dept. of Biology, UCPH, 2023 –

Appointment committee PhD fellowships Dept. of Biology, UCPH, 2020.