

Academic degrees

- 17-09-2017 **Docent in 'Ecosystem Science'** at Faculty of Science, University of Gothenburg
- 29-08-2008 **Ph.D.** thesis title: '**Nitrogen cycling in heathland ecosystems and effects of climate change**'. Supervisor: Anders Michelsen; Department of Biology, Graduate School of Science; University of Copenhagen, Denmark.
- 06-08-2004 **Master in Biology** Faculty of Science, Department of Biology, University of Copenhagen, Denmark.

Current position

Researcher (Forskare, permanent) at Department of Earth Sciences, University of Gothenburg, **Sweden**. I am **Head of Research Education** at Department of Earth Sciences, University of Gothenburg.

Previous positions

- 01-08-2014 to 31-10-2015 **Researcher** at Department of Plant Ecology, Justus Liebig University Giessen, **Germany**.
- 01-04-2013 to 31-07-2014 **Postdoctoral researcher** at Department of Earth Sciences, University of Gothenburg, **Sweden**.
- 01-12-2011 to 31-03-2013 **Postdoctoral researcher** at Institute for Biodiversity and Ecosystems Dynamics, University of Amsterdam, **The Netherlands**.

Longer research stays

3.5 months in 2019 and 1.5 months in 2014: Stationed (Utlandskontrakt) **Hawkesbury Institute for the Environment, Western Sydney University, Australia**. Project title 'Effects from elevated CO₂ on flux and abundance of free amino acid in soil via depolymerization and root exudation' in 2014 and 'Future nutrient limitations across ecosystems - a dual look at nitrogen and phosphorus' in 2019.

5 months in 2010: Stationed (Utlandskontrakt) **USDA – ARS, Natural Products Utilization Research Unit, Oxford, Mississippi in United States of America**.

Leadership in research and supervision

- BECC Action group: 'Novel nanoSIMS assessment of organic N and C cycling in soil' group leader 2021; and BECC Action group: 'Nutrient weathering from rocks' group leader 2016. Action groups granted from BECC ('Biodiversity and Ecosystem services in a Changing Climate', Swedish national Strategic Research Area) where I am PI.
- Grant from Swedish research council Vetenskapsrådet: 'Understanding Arctic browning from macro to nano' main applicant and project leader, 2021 – 2024 total 3.27 mio sek.
- Grant from Swedish research council Formas: 'Future nutrient limitations across ecosystems - a dual look at nitrogen and phosphorus' main applicant and project leader, 2019 – 2021 total 2.998 mio sek.
- Grant from Swedish research council Formas: 'En handbok som visar hur vi bäst åtgärdar organogen mark från höga växthusgasemissionertill sänkor' co-applicant and main supervisor of one PhD student 2020 – 2022, total 7.6 mio sek.
- PhD students: currently one as main supervisor ('Peatland management practices to regain greenhouse gas storage' end 2025), and two PhD students as co-supervisor ('Stoichiometric control of SOM and plant derived soil C pools dynamics under elevated CO₂' end 2021 and 'Understanding Arctic browning from the macro to micro scale' end 2023). I have supervised 9 master thesis since 2011.