

CV

Personal details and date of CV

Thum
Tea Helena
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Date of CV: 12.11.2025

Degrees

Jan 29, 2010 **Doctor of Philosophy**, Department of Physical Sciences,
University of Helsinki, Finland (Major: Meteorology)

Feb 15, 2002 **Master of Science**, Department of Physical Sciences, University of
Helsinki, Finland (Major: Physics)

Current employment

1.4.2020-
Senior Scientist in the Finnish Meteorological Institute
Department of Climate System Research
Helsinki, Finland

Previous work experience

1.4.2017-31.3.2020

Researcher in the Max Planck Institute for Biogeochemical Cycles,
Department of Biochemical Integration,
Jena, Germany

9.11.2011 – 31.3.2017

Senior Scientist in the Finnish Meteorological Institute,
Department of Global and Climate Change Research,
Helsinki, Finland

5.1.2014 – 31.3.2014

Visiting Scientist in the Max Planck Institute for Biogeochemical Cycles,
Department of Biochemical Integration,
Jena, Germany

15.2.2010 - 30.10.2011

Post-doctoral Researcher in LSCE (Laboratoire des Sciences du Climat et de l'Environnement), Gif-sur-Yvette, France

15.1.2002 – 10.2.2010

Researcher in the Finnish Meteorological Institute, Department of Global and Climate Change Research, Helsinki, Finland

1.6. - 31.8.2001 & 1.6. - 31.8.2000

Research assistant in the Finnish Meteorological Institute, Department of Geophysical Research, Helsinki, Finland

Research funding and grants

- Academy Research Fellow, Academy of Finland, 1.9.2020-21.12.2025, 636 000 € (personal salary), 335 000 € (expenses)
- Preparation of Horizon Europe proposal, Uudenmaanliitto, 9.12.2023-3.4.2024, 18 000 €
- Postdoctoral fellowship, Academy of Finland, 1.9.2013-31.3.2017, 206 000 €

Research supervision

Master thesis

Yasmin Frühauf 1.6.2020 – 1.6.2021 (co-supervision)

Mimosa Lindfors 1.2.2025 – 31.6.2025

Bachelor thesis

Mimosa Lindfors 1.4.2022 – 31.8.2022

Teaching merits

Pedagogical studies

30 credits of pedagogical studies in the University of Helsinki

Teaching experience

18.1.-4.3.2022

Environmental Problems, Physics and Chemistry
University of Helsinki, Finland
Responsible lecturer

16.1. – 17.2.2017

Global biogeochemical cycles in the Earth System,

University of Helsinki, Finland
Co-lecturer and assistant

Other key academic merits

Pre-examiner

Pre-examiner and opponent in defence of Elin Ristorp Aas
University of Oslo, Norway
June 2024

Peer-review of funding applications

Dutch Research Council (NWO)
The Belgian Science Policy Office (BELSPO)

Referee for scientific publications

Biogeosciences, Hydrology and Earth System Sciences (HES), Tellus B, Tree Physiology, Remote Sensing of Environment, Remote Sensing, Agricultural and Forest Meteorology, Global Biogeochemical Cycles, Forests, Boreal Environment Research, Science of the Total Environment, Journal of Geophysical Research: Biogeosciences, Ecological Modelling, Journal of Geophysical Research: Atmospheres, Journal of Advances in Modeling Earth Systems, Forest Ecology and Management, The Egyptian Journal of Remote Sensing and Space Sciences, Journal of Environmental Management, Earth-Science Reviews, Geophysical Model Development, Ecology and Evolution, Ecosystems, Communications Earth & Environment, European Journal of Remote Sensing, Global Ecology and Conservation, Environmental Advances, Nature Geoscience, AoB Plants, Scientific Data