

Curriculum vitae with track record

PERSONAL INFORMATION

Family name, First name: Sodemann, Harald

Date of birth: 16.12.1975

Sex: male

Nationality: German

Researcher unique identifier: ORCID [0000-0002-8167-0860](https://orcid.org/0000-0002-8167-0860)

URL for personal web site: <http://www.uib.no/persons/Harald.Sodemann>

EDUCATION

- 2003-2006 PhD, Disputation date: 10.05.2006
Institute for Atmosphere and Climate Science, ETH Zürich, Switzerland, supervised by Prof. Huw C. Davies and Prof. H. Wernli
- 1996-2002 Diplom (Master) in Geoecology
Faculty for Geosciences, University of Bayreuth, Germany
- 2000 BSc Honors in Atmospheric Sciences
University of Cape Town, South Africa

CURRENT AND PREVIOUS POSITIONS

- since 2016 Professor in Meteorology, Geophysical Institute, University of Bergen, Norway
- 2014-2016 Førsteamanuensis (Associate Professor) in Meteorology
Geophysical Institute, University of Bergen, Norway
- 2010-2014 Oberassistent (Senior Scientist) and Lecturer
Institute for Atmospheric and Climate Science, ETH Zürich, Switzerland
- 2007-2010 Postdoctoral researcher
Department for Atmospheric and Climate Research, NILU, Norway
- 2008-2009 1-year visiting postdoctoral fellow
Division of Geological and Planetary Sciences, CalTech, USA
- 2006-2007 Postdoctoral researcher
Institute for Atmospheric and Climate Science, ETH Zürich, Switzerland
- 2003-2006 Research assistant
Institute for Atmospheric and Climate Science, ETH Zürich, Switzerland

INSTITUTIONAL RESPONSIBILITIES

I actively foster and contribute change in talking about teaching by organising a series of breakfast meetings about teaching, open to all staff and students interested in teaching at GFI

- since 2020 Lead of Institute SFU iEarth activities, Geophysical Institute, University of Bergen
- since 2018 Head of Teaching Board, Geophysical Institute, University of Bergen
- since 2017 Member of the Institute Board, Geophysical Institute, University of Bergen
- since 2015 Member of Teaching Board, Geophysical Institute, University of Bergen

TEACHING ACTIVITIES

I have initiated the introduction, and developed a new field-based course based on active and

research-based teaching methods, crossing over disciplinary boundaries (“Practical Meteorology and Oceanography”). Ever since I was organising a student lecture course, I introduce and experiment with new teaching methods, focused on the learning of the students, and aiming at putting them in control of their own learning.

- since 2014* Lecture courses “Atmosphere and Ocean Physics”, “Numerical Weather Prediction”, “Practical Meteorology and Oceanography”, "Seminar in Atmospheric Sciences", University of Bergen, Norway
- 2012-2014* Lecture courses “Mesoscale Atmospheric Systems” and “Practical Field Work”, ETH Zurich, Switzerland
- 2002* Organisation of student course on Scientific Writing, University of Bayreuth, Germany.

COMMISSIONS OF TRUST

- since 2015* Internal examiner for 4 PhD and 4 Masters examinations at UiB
- 2022* External examiner, University of Helsinki, Finland
- 2016* External examiner in the PhD jury of C Woods, Stockholm University, Sweden
- 2015* External examiner in the PhD jury of J.-L. Bonne, University of Versailles, France
- since 2004* Reviewer for in total 74 manuscripts and 14 research grant proposals.

PROJECT MANAGEMENT EXPERIENCE

- 2020-2024* DIKU Center for Excellent Teaching "iEarth", co-I
- 2018-2022* EU-Project "LEMON", 3.4M EUR co-I, (UiB 420k EUR)
- 2018-2023* EU ERC CoG "ISLAS (Isotopic Links to Atmospheric Water's sources)", PI, 2M EUR
- 2018-2021* NFR grant "ALERTNESS (Advanced models and weather prediction in the Arctic)", WP lead, 2M EUR
- 2017-2021* NRF grant "SNOWPACE (Sources of the Norwegian Winter season snow pack constrained by stable water isotopes)", PI, 1M EUR
- 2017-2022* EU-Project Integrated Arctic Observation System (INTAROS), co-I, 15.5M EUR (UiB 1.2M EUR)
- 2015-2018* Norwegian Research Foundation National Infrastructure establishment grant “FARLAB (Facility for advanced isotopic research and monitoring of weather, climate, and biogeochemical cycling)“, co-Manager, 2M EUR

SUPERVISION OF GRADUATE STUDENTS AND RESEARCH FELLOWS

- since 2014* Supervision and Co-Supervision of 5 PostDocs, 8 PhDs and 13 Masters students Geophysical Institute, University of Bergen, Norway
- 2007-2016* Supervision and Co-Supervision of 8 PhD and 3 Master students Institute for Atmospheric and Climate Science, ETH Zurich, Switzerland

PUBLICATIONS IN PEER-REVIEWED JOURNALS

I have published 75 papers in international peer-reviewed journals. My publications have been cited 4470 times (without self-citations, according to Web of Science, Thompson Reuters as of May 2020), and my h-index is 41. I have one publication related to Educational Practice stemming from a student-organised lecture course.