

Current position

Senior Scientist, Atmosphere and Climate (ATMOS)
NILU – Norwegian Institute for Air Research

Contact details

Tlf. +47 6389 8160 Mobile: +47 930 40 491 E-mail: waa@nilu.no
Homepage: <https://folk.nilu.no/~wenche/>

Personalialia

Born: 6 April 1969
Nationality: Norwegian
Sex: Female
Languages: Norwegian (native), English (fluently), German (some)

Education

Ph.D. (fil. dr.) (1995 – 1999) at the department of inorganic chemistry, Royal Institute of Technology (KTH), Sweden. Title of the thesis: [*Constitution, Dynamics and Structure of Binary and Ternary Actinide Complexes*](#) ISSN 0348-825x. Supervised by Professor Ingmar Grenthe.

Master degree (Cand. Scient.) (1992 – 1994) at the department of organic chemistry, University of Oslo. Supervised by Professor Mats Tilset.

Positions

- 2004 – present: Senior scientist, NILU - Norwegian Institute for Air Research. Acting Deputy Director at the department of Atmosphere and Climate (ATMOS)
 - April 1999 – 2004 Scientist: NILU - Norwegian Institute for Air Research
 - 1991 - 1998: Various teaching assignments in chemistry at different universities (Oslo, Ås and Stockholm) and at a gymnasium (Oslo Handelsgymnasium)
-

Publications

- 34 papers in peer reviewed journals: ResearcherID: K-6439-2012. h-index=16. ORCID ID: <https://orcid.org/0000-0002-2908-1970>
 - About 200 scientific reports on behalf of national and international agencies like The Norwegian Environment Agency, The European Monitoring and Evaluation Programme (EMEP), the Arctic Monitoring and Assessment Programme (AMAP), The Comprehensive Atmospheric Monitoring Programme (CAMP) under OSPAR and for the Convention on the Protection of the Marine Environment of the Baltic Sea Area (HELCOM)
-

Main areas of work and projects

- Norwegian monitoring programme of long-range transboundary air pollution on behalf of the Norwegian Environment Agency and Ministry of Climate and Environment. Project leader for the topics acidification, eutrophication, short lived climate forces, troposphere ozone and particulate matter, 1999-present.
- The European Monitoring and Evaluation Programme (EMEP) on behalf of UN-ECE. Responsible at EMEP/CCC for the work related to QA/QC, acidification eutrophication, heavy metals, 1999-present
- Project leader for the NARE research project “Atmospheric Composition, Processes and Sources of Air Pollution in the Antarctic Environment (AtmosCAir), 2015-2018.
- Project leader for the atmospheric monitoring programme at Trollhaugen in Antarctica, NARE programme, 2010-present
- Responsible for data handling and reporting to AMAP (Arctic Monitoring and Assessment Programme), CAMP (The Comprehensive Atmospheric Monitoring Programme under OSPAR) and HELCOM (Convention on the Protection of the Marine Environment of the Baltic Sea Area), 2001-present
- Project leader of NILU’s Strategic Institute Programme (SIS), Source apportionment of short lived climate forcers, 2013-2016. Financed through the Norwegian Research Council (NFR).
- Coordinating the EMEP intensive measurement periods in cooperation with several EU projects (i.e. ACTRIS, EUSAAR and EUCAARI), 1999-2013
- The Marine Pollution Monitoring Programme (*Tilførselsprogrammet*) on behalf of Klif/NIVA. Assessing the impact of pollutants to the marine areas surrounding the Norwegian coast. Project leader for NILU’s part of the project, 2009-2013.
- Building up monitoring capacities in countries in the Eurasia region (Kazakhstan, Georgia, Armenia, Moldova and Azerbaijan) on behalf of the Norwegian Ministry of Foreign Affairs and UNECE, 2005-2013.
- Work Package leader in the Norwegian Research Council (NFR) project ECOBREM (Ecological consequences of increased biomass removal from forests in Norway), lead by the Norwegian Forest and Landscape Institute, 2009-2013.
- Responsible for developing a new CEN (European Committee for Standardization) standard for measuring atmospheric deposition of heavy metals, 2006-2009
- Integrated Monitoring Programme on Acidification of Chinese Terrestrial System (IMPACT). Build up monitoring capacities at five rural sites in China. Project leader for NILU’s part of the project, on behalf of NORAD/NIVA, 1999-2004.

Professional societies

- Member of the Scientific Advisory Group for total atmospheric deposition (TAD) in WMO/GAW
- Member of the COST Action CA16109 Chemical On-Line cOmpoSition and Source Apportionment of fine aerosol, COLOSSAL, 2017-2020

Past memberships:

- Nominated expert to the CEN/TC 264/WG 34: Anions and cations in PM_{2.5}
 - Member of the Scientific Steering Committee in ACCENT’s access to infrastructure
 - Member of the Expert panel on Deposition in UNECE WGE ICP Forest.
 - Convenor of the CEN/TC 264 WG20: Deposition of heavy metals
-