

CV, Frida A.-M. Bender

CONTACT INFORMATION	<p>Department of Meteorology Stockholm University Svante Arrhenius v. 16C 106 91 Stockholm Sweden</p> <p><i>Phone:</i> +46-8-161082 <i>e-mail:</i> frida@misu.su.se <i>www:</i> people.su.se/~fbend/</p>
CITIZENSHIP	Sweden, Canada
ACADEMIC DEGREES	<p>Professor Climate modelling, Stockholm University, 2024</p> <p>Docent (associate professor) Atmospheric Sciences and Oceanography, Stockholm University, 2017</p> <p>Ph.D. Atmospheric Sciences and Oceanography, Stockholm University, 2009 Advisors: H. Rodhe and A. Ekman</p> <p>M.Sc. Meteorology, Stockholm University, 2004 Advisors: H. Rodhe, M. Engardt and J. Langner</p>
PRESENT EMPLOYMENT	Professor of climate modelling at the Department of Meteorology, Stockholm University, Stockholm, Sweden
PERIODS OF LEAVE OF ABSENCE	<p>Parental leave 2015-2019, total 15 months</p> <p>Parental leave 2009-2015, total 12 months</p> <p>Parental leave 2007-2009, total 13 months</p>
PREVIOUS RESEARCH APPOINTMENTS	<p>Associate professor and senior lecturer of climate modelling (2018-2024), Department of Meteorology, Stockholm University, Stockholm, Sweden</p> <p>Visiting scholar (sabbatical), 2023-2024 Department of Atmospheric Sciences, University of Washington, Seattle, WA</p> <p>Researcher, Institute for Future Studies (2022-2023, 5% employment)</p> <p>Assistant professor of climate modelling 2014-2018 Department of Meteorology, Stockholm University, Stockholm, Sweden</p> <p>Fulbright visiting scholar (sabbatical), 2015-2016 Department of Atmospheric Sciences, University of Washington, Seattle, WA</p> <p>Assistant professor of chemical meteorology, 2011-2014 Department of Meteorology, Stockholm University, Stockholm, Sweden</p> <p>Postdoctoral scholar-employee, 2010-2011 Center for Clouds, Chemistry and Climate, Scripps Institution of Oceanography, University of California, San Diego, CA</p> <p>PhD student, Department of Meteorology, Stockholm University, 2004-2008</p> <p>Research Assistant, summer 2002, 2004</p>

Swedish Meteorological and Hydrological Institute

Research Assistant, summer 2003

Department of Physics, University of Toronto, Toronto, Canada

GRANTS AND
RESEARCH
MANAGEMENT

Wenner-Gren foundation sabbatical fellowship, 462 000 SEK, 2023

Swedish e-science research centre (*SeRC*), "Modelling for geoscience and climate", 18 MSEK (main applicant, work package leader), 2023-2026

EU H2020 "Next generation Earth System Models (NextGEMS)", €11M (co-applicant, work package leader), 2021-2025

EU H2020 "Constrained aerosol forcing for improved climate projections (FORCeS)", €8M (co-applicant), 2019-2024

Swedish e-science research centre (*SeRC*), "Improving understanding of cloud-aerosol-climate interactions using modern computational techniques", 900 kSEK, (single applicant), 2020-2022

Swedish Foundation for Strategic Environmental Research (*MISTRA*) Geopolitics Strategic Reserve "Managing complex emergencies: Global interventions into climate-related natural disasters and conflict", 771 560 SEK (co-applicant), 2019

Swedish Research Council for sustainable development (*Formas*), "Values, choices, and uncertainty in future climate projection", 5 MSEK (main applicant), 2019-2022

Swedish Research Council (*Vetenskapsrådet*), "Clouds, inter-hemispheric albedo symmetry, and climate stability", 3 264 000 SEK (main applicant), 2019-2023

Bolin Centre for Climate Research, "Climate change, natural disasters and human responses", 177 000 SEK (main applicant), 2018

Bolin Centre for Climate Research, "Analysing the discrepancy between the need for urgent climate action and its implementation", 63 000 SEK (co-applicant), 2018

Swedish National Space Board (*Rymdstyrelsen*), "Influence of absorbing aerosols on clouds in the climate system", 3 880 000 SEK (co-applicant), 2018-2021

ACADEMIC
SERVICE AND
POSITIONS OF
TRUST

Member of steering group for the National Academic Infrastructure for Supercomputing in Sweden (NAISS), 2025-

Member of Young Academy of Sweden, 2019-2024

Member of Swedish e-Science Research Centre (SeRC) management group, coordinator for climate community, 2019-2023

Research area co-leader, Bolin Centre for Climate research, 2017-2023

Member of Department board, Dept. of Meteorology, Stockholm University, 2006, 2012-2014, 2016-2017, 2021-2023

Co-author of A beginner's guide to Swedish Academia, 2022

Jury Member for L'Oréal-UNESCO For Women in Science Award, 2022

Member of organizing and executing team for field campaign CARDEX (Clouds, Aerosol, Radiation and Dynamics EXperiment), based on Hanimaadhoo Island, Maldives, 2012

Member of Faculty council, Faculty of Science, 2006

Organizer for meetings, workshops and symposia including Nordic Aerosol Association (NOSA) annual symposium (2014), Values, Choices and Uncertainty in Climate Modelling workshop (2021), Swedish e-Science Research Centre (SeRC) annual symposium (2021), Wenner-Gren symposium "Internationalisation and academic mobility in the 21st century" (2022)

SYNERGISTIC
ACTIVITIES

Large number of outreach activities, including
-debate articles in e.g. *Dagens Nyheter*, *Svenska Dagbladet*, *Curie*
-high school student summer school Forskarmöten,
-interviews in *Sveriges Television*, *Sveriges Radio*, *Expressen*,
-podcasts for *Allt du velat veta*, *Akademipodden*, *Expressen*,
-popular science presentations, panel discussions etc. at e.g. Liljevalchs konsthall, Norrtälje konsthall, Stockholms Stadsbibliotek, Stockholms Universitet, Tekniska museet, Bio Indio, Farsta grundskola, Gröndalsskolan