

Claudia Mohr – Curriculum Vitae

Associate Professor, Docent

Department of Environmental Science, Stockholm University, Sweden

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Education:

- **PhD in Environmental Sciences**, Paul Scherrer Institute / Swiss Federal Institute of Technology ETH, Switzerland, October 31, 2011
- **MSc in Environmental Sciences**, Swiss Federal Institute of Technology ETH, Switzerland / University of Colorado, Boulder, USA, 2007

Research positions held, including postdoctoral positions:

- **Assistant Professor**, Stockholm University, Sweden, 2017 - 2021
- **Research Scientist**, Karlsruhe Institute of Technology, Germany, 2014 – 2017
- **Postdoctoral Research Associate**, University of Washington, Seattle, USA, 2011 – 2014
- **PhD student**, Paul Scherrer Institute, Switzerland, 2007 – 2011
- **Undergraduate Research Assistant**, University of Colorado, Boulder, USA, 2007
- **Undergraduate Research Assistant**, Karlsruhe Institute of Technology, Germany / Mexico City, Mexico, 2006
- **Undergraduate Research Assistant**, Paul Scherrer Institute, Switzerland, 2005 - 2006

Honors and awards:

- **Appointment to Docent**, Stockholm University, 2021
- **Schmauss Award for significant research contribution to atmospheric aerosol science**, Gesellschaft für Aerosolforschung (GAeF), Aachen, 2020
- **Web of Science Highly Cited Researcher**, 2019
- **EGU Atmospheric Sciences Division Outstanding Early Career Scientist Award**, Vienna, 2018
- **Wallenberg Academy Fellow 2017**, Sweden, 2017
- **Invited to Global Young Scientists Summit**, Singapore, 2016
- **Student poster award**, AAAR 28th Annual Conference 2009, Minneapolis, USA, 2009

Grants awarded:

- PI, Research Project Grant, VR (3.5 MSEK), 2021 – 2024
- Co-PI, Early-Career Researchers, Formas (4 MSEK), 2021 – 2024
- PI, Wallenberg Academy Fellowship (14 MSEK), 2018-2022
- Co-PI, H2020-LC-CLA-2018-2019-2020 (8 MEuro), 2018 – 2022
- PI, 2 4-year PhD positions, China Scholarship Council (CSC), 2015 - 2019
- PI, Research Seed Capital (RiSC), Minist. für Wissenschaft, Forschung und Kunst Baden-Württemberg (MWK): Development of a quantitative single particle mass spectrometer, 2015 – 2017
- Co-PI, EMSL proposal 49077: Molecular identification of non-proteinaceous biological particles towards nucleating ice, 2015 - 2016
- (Anreiz-)programm zur Berufung/Einstellung von Frauen an den Hochschulen des Landes Baden-Württemberg, MWK, 2014

Publications and presentations:

- **75 peer-reviewed articles** in scientific journals, 2 in *Proc. Nat. Acad. Sci.*, 2 (1 as first author) in *Nature Comm*, 1 in *Science Advances*
- 4900 citations, **h-index 36** (*ISI Web of Science*, May 2021)

- **16 invited talks** at universities, seminar series, conferences, 2008 – current
- **29 oral presentations** as the first author at international scientific conferences, 2008 – current
- Selected for research presentations at external reviews/audits of respective institutes (as PhD student in 2011 and as scientific researcher at Karlsruhe Institute of Technology in 2016)

Outreach:

- Twitter Channels: @MoreCloud9 (467 followers), @NASCENT_Arctic (174 followers)
- Presentation at Pint of Science, Stockholm, 2020
- Presentation at Berlin Science Week, Berlin, 2020
- Lecture: Earth's Climate and Climate Change, Hög Röstén Politikerskola, 23.10.2019
- Movie "Climate research in the Arctic", <https://kaw.wallenberg.org/en/climate-research-artic/popup>
- Blog post, <https://kaw.wallenberg.org/klimatforskning-i-arktisk-besok-pa-en-forskningsstation>, on the Ny-Ålesund campaign, 2019
- Portrait, <https://kaw.wallenberg.org/forskning/aerosolpartiklars-paverkan-pa-moln>, 2018
- News article, Eco di Bergamo, 15.1.2018, on the Bolivia campaign ("Bergamasco studia lo smog di Pechino")
- Feature, <https://www.aces.su.se/from-gases-to-clouds-recent-studies-provide-new-insights-into-the-lifecycle-of-aerosols/>, on article in Nature Communications, 19.11.2019
- Feature, <https://www.aces.su.se/atmospheric-research-at-the-top/>, on the Bolivia campaign, 18.5.2018
- Member Climate Answers by Scientists, project group with the Bolin Centre for Climate Research to address regularly received climate-related questions from society

Positions of trust and consulting:

- **Thesis reviewer/committee member**, PhD E. Ahlberg, *Lund Univ.*, 2018; PhD S. Ausmeel, *Lund Univ.*, 2020
- **Associate Editor** for AMBIO, RSC Environmental Science: Atmospheres
- **Member Committee on Nucleation and Atmospheric Aerosols (CNAA)**
- **Committee member** for Fissan Pui Award 2018 - current
- **Committee member** for GAeF PhD Award 2018 - current
- **Reviewer** for Natural Environment Research Council of the UK (NERC), UK; National Science Foundation (NSF), USA; Deutsche Forschungsgesellschaft (DFG), Germany; Alexander von Humboldt Foundation, Germany
- **Journal Referee** for *Science Advances*, *Atmospheric Chemistry and Physics*, *Atmospheric Pollution Research*, *Environmental Science and Technology*, *Geophysical Research Letters*, *Atmospheric Measurement Techniques*, *Journal of Atmospheric Chemistry*, *Environmental Pollution*, *Analytical Chemistry*, *Ambio*, *Analyst*, *ACS Earth and Space Chemistry*
- Member of organizing committee for conference "Ultrafine Particles – Air Quality and Climate" in Brussels, 2015 – 2019
- Organizing committee workshop "Aerosols and Clouds", Telluride Science Research Center, 2020 (postponed to 2021)

Teaching at the University Level:

- **Lecturer**, Aerosol Chemistry, Air Quality, Climate Change, *Stockholm University*, 2017 - current
- **Design and implementation of laboratory classes** for new Meteorology MSc curriculum, *Karlsruhe Institute of Technology*, Germany, 2015 - 2016
- **Guest Lecturer**, *University of Washington, Seattle, USA*, 2013 – 2014
- **Teaching Assistant**, Tropospheric Chemistry, *Swiss Federal Institute of Technology ETH, Switzerland*, 2010 - 2011

Supervision:

Main supervisor: *PhD thesis*, Wei Huang (2015 – 2019, thesis awarded with the Sparkassen-Umweltpreis 2019 of Umweltstiftung Sparkasse Karlsruhe), Yvette Gramlich (2019 – current), Karolina Seigel (2019 – current), Fredrik Mattson (2021 – current); *Master thesis*, Yvette Gramlich (2018); *Bachelor thesis*, Georgia Gamble (2018), Yvette Gramlich (2016)

Co-supervisor: *PhD thesis*, Xiaoli Shen (2015 – 2019), Emelie Graham (2018 – current), Anna Lutz (2014 – 2019), Gabriel Freitas (2019 – current), Almuth Neuberger (2021 – current); *Master thesis*, Claudia Good (2006); *Bachelor thesis*, Moa Liwendahl (2021)