

# Curriculum Vitae

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## EDUCATION

- 2020 **Docent in Meteorology**, *Dept. of Earth Sciences, Uppsala University, Sweden.*
- 2010–14 **Ph. D. in Atmospheric Physics**, *Dept. of Physics, Imperial College London, U. K.*  
Ph. D. obtained 1<sup>st</sup> Jan 2014; 1.5 months of parental absence as of Feb. 2023.
- 2006–10 **M. Sci. in Theoretical Physics**, *Dept. of Physics, Imperial College London, U. K.*

## FACULTY EMPLOYMENT

- 2022 – **Professor**, *Dept. of Earth Sciences, Uppsala University, Sweden.*
- 2018 – 22 **Associate Prof. (Lektor)**, *Dept. of Earth Sciences, Uppsala University, Sweden.*
- 2018 – **Affiliated Researcher**, *Dept. of Meteorology, Stockholm University, Sweden.*

## POST-DOCTORAL AND RESEARCHER POSITIONS

- 2016 – 18 **Researcher**, *Dept. of Meteorology, Stockholm University, Sweden.*
- 2017 **Visiting Researcher**, *LSCE/IPSL – CNRS, France.*
- 2015 – 16 **Research Scientist (Permanent)**, *Met Office Hadley Centre, U. K.*
- 2014 – 15 **Post-doctoral Researcher**, *Dept. of Meteorology, Stockholm University, Sweden.*

## GRANTS AND FELLOWSHIPS

- 2023 – 26 **ERC Proof-of-Concept (Sole PI)**, *European Research Council: Impacts of Climate Extremes from Mining of Online Texts, 150k EUR*
- 2023 – 26 **Research Grant (Lead PI)**, *Swedish Research Council VR: A state-of-the-art impacts database of European climate extremes from mining of online texts, ~325k EUR*
- 2023 – 26 **Research Grant (co-PI)**, *Swedish Research Council FORMAS: Adapting to temperature extremes in a changing climate: Past trends and future scenarios, ~1.1M EUR, own share ~225k EUR*
- 2021 – 26 **ERC Starting Grant (Sole PI)**, *European Research Council: compound Climate Extremes in North America and Europe: from dynamics to predictability, ~1.5M EUR*
- 2021 – 25 **H2020 ITN Grant (Lead PI/Coordinator)**, *Research Executive Agency: european weather Extremes: Drivers, Predictability and Impacts, ~3.8M EUR*
- 2019 – 21 **Research Grant (Lead PI)**, *Swedish Research Council FORMAS: Large-Scale Atmospheric Variability driving changes in the Terrestrial Carbon Cycle and Storage, ~300k EUR*
- 2018 – 23 **Research Grant (PI for Sweden)**, *Swedish Foundation for Int. Coop. in Research and Higher Education: Atmospheric Extremes in the Antarctic Marginal Ice Zone, ~25k EUR*  
Co-funding from the *South-Africa Sweden University Forum*, ~10k EUR
- 2017 – 20 **Establishment Grant (Sole PI)**, *Swedish Research Council VR: Large-Scale Organisation of Extreme Weather over Europe and North America, ~325k EUR*
- 2016 – 17 **Independent Research Fellowship**, *Dept. of Meteorology, Stockholm University, Sweden, 2 year full wage plus research costs*

## SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL RESEARCHERS

**Main Supervisor** of 4 Post-docs, 4 Ph. D.s (3 ongoing), 6 Master and 4 Bachelor Students (2 ongoing), **co-supervisor** of 3 Ph. D.s (ongoing) and 9 Master Students.

Other staff responsibilities: 2 researchers, 1 research assistant, 2 project managers.

## AWARDS

- 2021 **Thalénska Priset**, *Kungl. Vetenskaps-Societeten*.
- 2021 **Emerging Alumni Leader Award**, *Imperial College London, U.K.*
- 2021 **Young Scientist Award**, *European Meteorological Society*.
- 2019 **Outstanding Early Career Scientist Award**, Atmospheric Sciences Division, *European Geosciences Union*.
- 2014 **Award for Young Scientists**, *Italian Society for Climate Science*.
- 2010 **K Allen Prize for Academic Excellence**, *Dept. of Physics, Imperial College London, U.K.*

## PRESENTATIONS AND OUTREACH

**35 Invited Seminars** at institutions other than the ones I have worked in.

**41 Oral Presentations** at international conferences, workshops and summer schools, of which **13 Invited Talks**, including ones at the *European Geosciences Union General Assembly* and the *European Meteorological Society's Annual Meeting*.

**Regular outreach presentations** in Swedish and English in schools, libraries, science festivals and more since 2013, including **1 TEDx presentation**.

**Regular media contacts** in Swedish, Italian and English, including *New Scientist* magazine, *BBC News*, Swedish National Radio (*SR*), Swedish National Television (*SVT*), *ITV*, *Nimbus – Magazine of the Italian Met Society* and more.

## PUBLICATIONS

**79** Peer-Reviewed Research or Review Articles published since 2013, of which **63** since 2018.

**10** Research Articles in review.

**5** Meeting Reports and Short Communications in International Peer-Reviewed Journals.

**36** popular science and dissemination articles since 2013.

Rapidly growing citation record: **2023** citations (**853** since 2022), h-index of **26** (G. Scholar).

A global network of collaborations.



## INSTITUTIONAL RESPONSIBILITIES

2022 **Chief Editor** of Earth System Dynamics, a journal of the *European Geosciences Union*.

2022– **Representative** to the *Swedish Committee for Applied Systems Analysis*.

2022– **WG Member** of the WCRP *Explaining and Predicting Earth System Change* Activity.

2021– **Member** of the *Young Academy of Sweden*.

2021– **Science Officer**, Climate Division, *European Geosciences Union*.

2019 – 22 **Editor** of Earth System Dynamics, a journal of the *European Geosciences Union*.

2018 – 21 **Early career scientist co-rep.**, Climate Division, *European Geosciences Union*.

2017 – **Ph. D. opponent/committee member**: *École Normale Supérieure, France; Laboratoire des sciences du climat et de l'environnement, France; Stockholm University, Sweden; GEOMAR, Germany; University of Tromsø, Norway*.

## TEACHING ACTIVITIES

**Lecturer or coordinator** for **13** different Ph. D., M.Sci. or B. Sci. courses since 2018.

## OTHER ACTIVITIES

**Reviewer** for **29** different peer-reviewed international journals and academic publishers, including *Nature Climate Change*, *Nature Geosciences*, *Physical Review X* and *Cambridge University Press*, the Canadian, German and Icelandic research councils and the European Research Council.

**Organiser** of **6** workshops/schools and **(co-)convener** of **14** sessions in international conferences.