

# Curriculum Vitae – Gabriele Messori

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## EDUCATION

- 2010–14 **Ph. D. in Atmospheric Physics**, *Dept. of Physics, Imperial College London, U. K.*  
Thesis title: The Sporadic Nature of Meridional Heat Transport in the Atmosphere.
- 2006–10 **M. Sci. in Theoretical Physics**, *Dept. of Physics, Imperial College London, U. K.*  
1<sup>st</sup> Class Honours (83.9% gpa)

## CURRENT POSITIONS

- 2018 – **Associate Prof. (Universitetslektor)**, *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

- 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 – 20 **Research Grant (PI for Sweden)**, *Swedish Foundation for Int. Cooperation 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.*

## AWARDS

- 2021 **Thalénska Priset**, *Kungl. Vetenskaps-Societeten.*  
Awarded for: “central scientific efforts that have led to an increased understanding of extreme weather events and their connection to the dynamics of the atmosphere.”
- 2021 **Emerging Alumni Leader Award**, *Imperial College London, U.K.*
- 2021 **Young Scientist Award**, *European Meteorological Society.*  
Awarded for: “ground-breaking contribution to the understanding of planetary wave-breaking and storm-track variability and their link to mid- and high-latitude weather extremes.”
- 2019 **Outstanding Early Career Scientist Award**, *Atmospheric Sciences Division, European Geosciences Union.*  
Awarded for: “seminal contributions to the understanding of planetary wave-breaking phenomena, atmospheric extreme events and the energetics of the climate system using dynamical systems theory”.
- 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

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

**30 Oral Presentations** at international conferences, workshops and summer schools, of which **10 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, Sweden's National Radio (*SR*), Swedish Television (*SVT*), *Nimbus – The Magazine of the Italian Meteorological Society* and more.

## PUBLICATIONS

**61** Peer-Reviewed Research or Full-Length Review Articles published since 2013, of which **38** since 2019.

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

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

A global network of collaborations:



## INSTITUTIONAL RESPONSIBILITIES

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

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

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

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

2017 – **Ph. D. Examiner/committee member**: *École Normale Supérieure, France, Stockholm University, Sweden* and *GEOMAR Helmholtz Centre for Ocean Research, Germany*.

## SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL RESEARCHERS

Main Supervisor of **3 Post-docs**, **3 Ph. D.s (2 ongoing)**, **4 Master (1 ongoing)** and **3 Bachelor Students (1 ongoing)**, co-supervisor of **3 Ph. D.s (ongoing)**, **8 Master Students (1 ongoing)**.

Other staff responsibilities: **1 researcher**, **1 research assistant**, **1 project manager**.

## TEACHING ACTIVITIES

**Lecturer or coordinator** for **12** different Ph. D., M.Sci. or B. Sci. courses since 2018.

## OTHER ACTIVITIES

**Reviewer** for **27** different peer-reviewed international journals and academic publishers, including *Nature Climate Change*, *Nature Geosciences*, *Physical Review X* and *Cambridge University Press*.

**Organiser** of **5** workshops/ schools and **(co-)convener** of **8** sessions/short courses in international conferences.