

CURRICULUM VITAE

Olivia Romppainen-Martius

Institute of Geography, Oeschger Centre for Climate Change Research, University of Bern
Hallerstrasse 12, 3012 Bern, Switzerland

Email: Olivia.martius@giub.unibe.ch

http://www.geography.unibe.ch/content/forschungsgruppen/klimafolgen/index_eng.html

<http://www.mobiliarlab.unibe.ch>

ORCID 0000-0002-8645-4702

<https://scholar.google.ch/citations?user=Ic5gMYEAAA&hl=en>

Research Interests

- Extreme weather events and impact modeling
- Rossby wave propagation, Rossby wave breaking, and jet waveguides
- Tropical-midlatitude interactions
- Thunderstorms and hailstorms

Education

2005 ETH Zurich, Ph.D.

2002 ETH Zurich, Dipl. Natw. ETH

Professional Experiences

2021 - present	Full Professor, Institute of Geography, University of Bern
2021 – present	Directory of studies, Geography, University of Bern
2014 - 2020	Associate Professor, Institute of Geography, University of Bern
2010 – 2014	Assistant Professor, Institute of Geography, University of Bern
2013 – present	Co-director Mobiliar Lab for Natural Risks, University of Bern
2008 – 2010	Senior Scientist (50%), Institute for Atmospheric and Climate Science, ETH Zurich
2008 – 2010	Coordinator of the Master Program in Atmospheric and Climate Science (50%), IACETH, ETH Zürich
June – December 2007	Visiting Scientist, Department of Applied Physics and Applied Mathematics, Columbia University
2005 – June 2007	Postdoc, Institute for Atmospheric and Climate Science, ETH Zurich
2002 – 2005	Graduate Research, Institute for Atmospheric and Climate Science, ETH Zurich

Selected Professional Activities

Member of the studies committee of the Faculty of Science 2022 – today
Member of the Swiss Science Foundation Panel on early career funds 2021 – today
Member of ProClim steering committee, Swiss Academy of Sciences, 2020 – today

Editor Earth System Dynamics, 2022 – today, Editor Nature Natural Hazards 2023 – today,
Associate Editor, Monthly Weather Review, 2008 – 2012

Co-convener Atmospheric Dynamics Session at EGU, 2010 – 2014, Co-convener Compound Events Session at EGU 2017, 2018, Session organizer Dynamics Session, DACA-13, 2013, Co-convener Dynamics Session IUGG 2015, Session organizer GEWEX OS Meeting, Storms and weather extremes session May 2018, Scientific organizing committee, SPARC general assembly, Japan, 2018, Scientific organizing committee, Blocking workshop Reading, UK, 2016, Scientific organising committee European Severe Storms Conference 2019, Scientific organising committee Correlated Extremes Workshop 2019, Scientific organizing committee 2013 ICDM Meeting on Extreme Events, Scientific organizing committee 1st (2014) and 2nd (2017), 3rd (2021) and 4th (2024) European Hail Workshop, Scientific organizing committee Damocles workshop on compound events 2021, Scientific committee of the 5th Workshop on European Storms, 31.8 – 2.9. 2015, Bern

Member of the WMO WWRP Working Group on Predictability Dynamics and Ensemble Forecasting, 2015 – 2022

Member of the SPARC scientific steering group (<http://www.sparc-climate.org>) 2015 - 2018

Member of the extra-parliamentary commission on natural hazards in Switzerland Planat (<http://www.planat.ch/en/planat/>) 2012 - 2023. This commission advises Swiss policymakers on the management of natural hazards.

Reviewer for the Swiss Science Foundation, the European Research Council, NERC, the American Science Foundation, the South African Science Foundation, ETH Foundation, Israeli Science Foundation, and the German Science Foundation.

Graduate Students Supervision

PhD students supervised as main supervisor

Dr. P. Froidevaux, 2011 – 2014, now at Meteotest, Dr. P. Giannakaki, 2012 – 2015, now at Zurich Reinsurance, Dr. S. Trefalt, 2014 – 2017, now at MeteoTest, Dr. M. Röthlisberger, 2015 – 2018, now senior scientist at ETH Zurich, Dr. S. Lenggenhager, 2015 – 2018, now forecaster at Swiss Meteo, Dr. L. Nisi, 2012 – 2019, forecaster at MeteoSwiss, Dr. Y. Barton, 2015 – 2019, now at FOEN, Dr. H. Barras, 2017 – 2021, now scientist at MeteoSwiss, Dr. R. Mülchi, 2017 – 2021, now scientist at MeteoSwiss, Dr. M. Ali, 2018 – 2022, now at RMS Moody's, Dr. P. Rivoire, 2018 – 2022, now at University of Lausanne, Dr. J. Kopp, 2020 – 2023, now at Meteotest

L. Wilhelm	2022 – today
M. Aregger	2022 – today
H. Banderier	2022 – today
D. Pappert	2022 – today
F. Zukanovic	2024 - today
M. Ryan	2024 - today

PhD students supervised as Co-supervisor

M. Mosimann, 2020 – 2024, now at Mobilair Lab, L. Quandt, at KIT main supervisor S. Jones, 2014 - 2017 now postdoc at KIT, M. Rohrer, University of Bern, main supervisor S. Brönnimann, 2012 – 2017, now at Partner Re, P. Stucki, at U.Bern, main supervisor S. Brönnimann, 2012 –

2015, now at OCCR, E. Madonna, at ETH main supervisor H. Wernli, 2010 – 2014, now at Bundesamt für Energie

Additional comments:

I have been on maternity leave in 2012 and in 2016 and work 80% since 2012 and have reduced my travel activities.

Publications

A list of all publications is available here:

https://scholar.google.ch/citations?hl=en&user=Ic5gMYEAAAJ&view_op=list_works&sortby=date

and here:

<https://orcid.org/0000-0002-8645-4702>