

Curriculum Vitae

Philipp Porada

Born: June 24th 1984 in Bochum

Legal Status: married, two children

Nationality: German

University Education

2004 – 2009 Studies in Geoecology, University of Potsdam

2009 Diploma (M.Sc.) in Geoecology (1.0)

Thesis: “Entropy Budget of the Soil Hydrological Cycle”

Institution: Institute for Geoecology at the University of Potsdam
(Prof. W. Lucht), Max-Planck-Institute for Biogeochemistry
(Dr. A. Kleidon)

Doctoral Studies

2009 – 2013 Doctoral studies at the Max-Planck-Institute for Biogeochemistry in Jena

2013 Doctoral Degree (Dr. rer. nat., magna cum laude)

Topic: “Process-based Modelling of lichens and bryophytes and their impacts on global biogeochemical cycles”

Institution: Institute for Geosciences at the University of Mainz
(Prof. U. Pöschl), Max-Planck-Institute for Biogeochemistry
(Dr. A. Kleidon)

Postdoc

01 – 04 2014 Postdoc at the Max-Planck-Institute for Biogeochemistry in Jena

2014 – 2017 Postdoc at Stockholm University

since 07 2017 Postdoc at the Max-Planck-Institute for Chemistry in Mainz

Parental leave

08 – 10 2013 First child, born 08/2013

Max-Planck-Institute for Chemistry, Mainz
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05 – 08 2015 Second child, born 05/2015

Publications

Metrics 12 publications, 10 peer-reviewed
8 first-author publications, one in Nature Communications
3 publications without PhD supervisor, one of which in Proceedings of the National Academy of Sciences of the USA
Sum of times cited: 67; citing articles: 52
Average citations per item: 7.44; average citations per year: 13.40
h-index: 4 (all metrics from ISI Web of Science)

Scientific activities (selection)

Conferences Porada P, Pöschl U, Kleidon A, Beer C, Weber B: Estimating global nitrous oxide emissions by lichens and bryophytes with a process-based productivity model (Invited talk, Pico). *EGU General Assembly*, Vienna, 2017
Porada P, Lenton T M, Pohl A, Weber B, Mander L, Donnadieu Y, Beer C, Pöschl U, Kleidon A: Quantifying chemical weathering by lichens and bryophytes with a process-based model (Solicited talk). *EGU General Assembly*, Vienna, 2016
Porada P, Weber B, Elbert W, Pöschl U, Kleidon A: Process-based modelling of lichen and bryophyte productivity at the global scale (Invited talk). *Workshop on Vegetation-Soil Interactions in High Latitudes*, Stockholm, 2013
Porada P, Kleidon A: A Process-based Model of Global Lichen Productivity (Poster, 3rd place in poster competition). *iLeaps conference*, Garmisch-Partenkirchen, 2011
Reviewer Hydrology and Earth System Sciences, Biological Reviews, Materials Science Forum, Geoscientific Model Development
Organisation Co-organisation of the Workshop on Maximum Entropy Production in the Earth System in Jena

Additional Qualifications

Programming Fortran 95, C, Matlab, R, scripting (Bash, Gnuplot, CDO, GMT), basic GIS, Inkscape, Latex, Unix

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Languages German (native), English (fluent), French (advanced)

Outreach Tutor for beginning students of Geoecology

Presentations on the hydrological cycle, limits to wind energy and thermodynamics of the atmosphere at the “Long Night of Sciences” and the “Forsche Schüler Tag” in Jena