

Aman Malik

Curriculum Vitae

✉ aman.malik@posteo.net

🌐 <https://www.pik-potsdam.de/members/amalik>

🌐 <https://publons.com/researcher/3714622/aman-malik>

Education

- 10/2017–03/2022 **Doctor of Science**, *Technical University of Berlin and Potsdam Institute for Climate Impact Research*, Germany.
Supervisors: Prof. Dr. Gunnar Luderer and Dr. Christoph Bertram
Title: 'Barriers to power sector decarbonisation in India'
Grade: *magna cum laude*
- 10/2014–03/2017 **Master of Science in Integrated Climate System Sciences**, *University of Hamburg*, Hamburg, Germany.
Specialization in climate economics and carbon sequestration
Grade: 1.24, *excellent*
- 2009–2013 **Bachelor of Technology in Chemical Engineering**, *Guru Gobind Singh Indraprastha University*, New Delhi, India.
First Division, 72.4%
- 2009 **All India Senior Secondary School Examination**, *Springdales School*, New Delhi.
93.2% (Indian Grade)

Additional Courses

- 11/2012–02/2013 **Constructing and Applying High Resolution Climate Scenarios**, *University of Oxford & Met Office, Hadley Centre*.
- 02/2011 **Field course in Glaciology of Antarctica**, *University of Ottawa*, Canada.
- 11/2010–12/2010 **Antarctica 101 (online course)**, *University of Canterbury*, New Zealand.

Work Experience

- 04/2022–current **Postdoctoral Researcher**, *Potsdam Institute for Climate Impact Research*, New Delhi, India.
Group of Energy Systems, Research Department III - Transformation Pathways
- 10/2017–03/2022 **Researcher**, *Potsdam Institute for Climate Impact Research*, Potsdam, Germany.
Group of Energy Systems, Research Department III - Transformation Pathways
- 06/2017–08/2017 **Consultant**, *Deutsche Institut für Internationale Zusammenarbeit/German Development Cooperation*, New Delhi, India.
Implementation of NAMA - Waste and Climate Change Adaptation in Rural Areas
- 10/2016–12/2016 **Student Assistant**, *Biogeochemistry Laboratory*, Institute of Geology, University of Hamburg.
- 05/2016–09/2016 **Student Assistant**, *Climate Science and Policy Team*, Climate Analytics, Berlin, Germany.
Development of SIAMESE— a model to emulate Integrated Assessment Models

- 02/2015–03/2016 **Student Assistant**, *Biogeochemistry Laboratory*, Institute of Geology, University of Hamburg.
- 04–06/2014 **Guest Writer**, *'Taleport' online Magazine (taleportmagazine.com)*, Happenstance Media, New Delhi.
writing travel based articles for the magazine
- 06-07/2012 **Intern**, *Gas Authority of India Limited*, Pata, Uttar Pradesh.

Awards and Honors

- 04-09/2016 **Merit scholarship**, *University of Hamburg, Germany*.
worth 3250 €
- 06-08/2013 **Summer Fellowship**, *Jawaharlal Nehru Center for Advanced Scientific Research*, Bangalore, India.
Supervisor: Prof. Dr. Roddam Narasimha
- 2012–2013 **Bursary of £1250**, *University of Oxford, Department of Continuing Education*.
Scholarship for online course titled 'Constructing and Analyzing High Resolution Climate Scenarios'
- 02/2011 **Expedition Grant worth US\$ 8500**, for the *'Students on Ice' Antarctic University Expedition (uantarctic.org)*.
Grants provided by Indraprastha University, Delhi and National Center for Antarctic and Ocean Research, Goa
- 2009 **Certificate of Merit**, *Central Board of Secondary Education*.
For outstanding academic performance and for being among the 0.1% of all successful candidates in Physics in the All India Secondary School Examination
- 2009 **Full Scholarship**, *GIV Engineering Program*, University of Vermont.
Fully funded scholarship to attend an engineering summer school
- 2009 **Summer Fellowship**, *Mathematical Sciences Foundation*, New Delhi.
- 2009 **2nd position**, *Global Business Plan category*, Global Challenge Award, USA.
Topic: Carbon dioxide capture through Zeolitic Imidazolate Frameworks

Extracurricular

- 11/2020–03/2021 **Teaching volunteer**, *Prometeruse*, <https://www.prometeruse.org/>, Berlin.
Climate-change related education at schools in Berlin
- 09/2019 **Lead organiser**, *3rd Leibniz PhD Network General Assembly*, Potsdam Institute for Climate Impact Research.
- 2018–2019 **Section E officer**, *Leibniz Association PhD Network*.
Representing PhDs belonging to research institutes in Section E of the Leibniz association
- 2018–2019 **PhD representative**, *Potsdam Institute for Climate Impact Research*.
- 11/2017 **Delegate**, *Potsdam Institute for Climate Impact Research*, UNFCCC Conference of Parties, Bonn, Germany.
- 2015/2016 **Delegate**, *University of Hamburg*, UNFCCC COP 21, Paris and COP 22, Marrakesh.
- 04/2015-09/2016 **Event organizer**, *PIASTA- Intercultural living and learning*, University of Hamburg, Germany.
- 05/2015-06/2016 **Member, Student council**, *School of Integrated Climate System Science*, University of Hamburg, Germany.

04/2014 **Basic Course in Mountaineering**, *Jawahar Institute of Mountaineering*, Pahalgam, J&K.

Book co-author, *Pal, R., Solanki, S., & Malik, A.*, (2013). *Wings of Dwarka - a field guide to bird watching*, New Delhi: Guru Gobind Singh Indraprastha University.

Review work

Reviewer for the following journals:

Nature

Climate Policy

Energy Policy

Climate Economics

Energy Research and Social Science

Computer Skills

proficient MS Office, R

good Python, QGIS

basic GAMS

Languages

Hindi **native**

English **near-native fluency**

German **very good, level B2**

Talks and presentations

11/2018 **Poster presentation**, *Integrated Assessment Modelling Consortium*, Seville, Spain.
'Not (yet) another coal story: Power-sector lock-ins in India - perspective from national and global models'

Aman Malik and Christoph Bertram

12/2020 **Oral presentation**, *Integrated Assessment Modelling Consortium*, Online.
'Assumptions on employment factor approach in energy scenarios'

Aman Malik and Christoph Bertram