

CURRICULUM VITAE

HEIDI KREIBICH

Head of working group “Flood risk and climate adaptation”

GFZ German Research Centre for Geosciences

Privatdozentin at Humboldt-Universität zu Berlin

Date of birth: 23.04.1969

Nationality: German

Married, two children (16 and 18 years old)

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RESEARCH INTERESTS

Climate adaptation and risk management

Flood risk assessment and modelling

Vulnerability analysis and loss modelling

Human-water feedbacks

EDUCATION

- 2015 Habilitation at the Geography Department, Humboldt-Universität zu Berlin (HU), Germany
- 2002 PhD at the Faculty of Biology, Philipps-University of Marburg, Germany, title: Dr. rer. nat.
- 1997 Master (German Diplom) Environmental Engineering, Technical University Berlin, Germany
- 1991 Master (German Diplom) in Public Management at the University of Applied Sciences for Administration and Legal Affairs in Hof, Germany

CURRENT POSITIONS AND INSTITUTIONAL RESPONSIBILITIES

- Since 2025 GFZ contact person for POF V Topic 6 Landscape Management
- Since 2015 Head of working group “Flood risk and climate adaptation” at the German Research Centre for Geosciences (GFZ), Potsdam, Germany
- Sine 2015 Privatdozentin at the Geography Department, HU Berlin, Germany

PREVIOUS POSITIONS

- 2012 – 2020 Deputy of Topic “Natural Hazards: Understanding risks and safeguarding the human habitat” of the Helmholtz Research Programme Geosystem - The Changing Earth, Germany
- 2002 – 2014 PostDoc and senior scientist at the Section Hydrology, GFZ, Germany
- 1998 – 2001 PhD position at the Leibnitz Institute for Agricultural Engineering Potsdam, Germany
- 1998 – 2000 Visiting researcher at National Institute for Amazon-Research (INPA) in Manaus, Brazil
- 1997 Visiting researcher at CSIRO, Aspendale, Australia

PRIZES AND AWARDS

- 2024 IAHS-UNESCO-WMO International Hydrology Prize - Volker medal
- 2024 Ranked 102 (12th best female scientist) in Germany in 2024 Edition of Ranking of Top Scientists in the field of Environmental Sciences (<https://research.com/scientists-rankings/environmental-sciences/>)
- 2017 Helmholtz ERC Recognition Award (200 000 €)
- 2016 Best Real Estate Paper Award COBRA 2016 Conference
- 2015 Water Resources Research 2015 Editors’ Choice Award for the paper “How useful are complex flood damage models?”
- 2015 GFZ senior scientist employee award

COMMITTEES AND WORKING GROUPS (last 8 years)

- 2023 – 2027 President of the Natural Hazards Division of the European Geosciences Union (EGU)
- 2023 – 2027 President of the International Commission on Human-Water Feedbacks (IAHS)
- 2021 – 2023 Panta Rhei Chair, International Association of Hydrological Sciences (IAHS)
- 2020 – 2021 Contributing author for the IPCC Working Group 2 Assessment Report 6 (AR6)
- 2020 – 2021 Advisory Expert for Climate Impact and Vulnerability Analysis for Germany 2021
- 2015 – 2021 Panta Rhei Target Leader, International Association of Hydrological Sciences (IAHS)
- 2017 – 2022 Science officer for Natural Hazards & Society of EGU Division on Natural Hazards
- 2018 – 2018 Jury Member of Young Professionals Award of German Committee for Disaster Reduction
- 2013 – 2017 Science officer for Biol., Environ. & Other Hazards of EGU Division on Natural Hazards
- 2015 – 2016 Member of the EU expert working group on disaster damage and loss data

SERVICE AS EDITOR (last 8 years)

- 2015 – 2023 Executive Editor of the ISI-Journal “Natural Hazards and Earth System Sciences”
- 2019 – 2022 Member Editorial Board of journal “Frontiers in Water - Water and Human Systems”
- 2015 – 2021 Member Editorial Board of ISI-Journal “Hydrological Sciences Journal”
- 2015 – 2017 Member Editorial Board of ISI-Journal “Journal of Flood Risk Management”

REVIEWER FOR RESEARCH PROPOSALS, PROJECTS AND JOURNALS (selection)

- Reviewer for European research Council ERC proposal
- Evaluator for the European Commission FP7 & H2020 research proposals and project
- Reviewer for national funders: Swiss National Research Fund SNF, Austrian Climate and Energy Fund, Dutch Technology Foundation STW, the Netherlands Organisation for Scientific Research NOW, German Academic exchange service (DAAD), Alexander von Humboldt Foundation, German Federal Ministry for Education and research (BMBF), German Research foundation (DFG)
- Referee for various ISI-listed journals, including Science, Nature, Nature Climate Change, Global Environmental Change, Climatic Change, Hydrological Processes, Water Resources Management

TEACHING (2 SWS per year since 2009)

- 2023 – MSc course each winter semester (2 SWS): Water Security, HU
- 2016 – 2023 BSc course each winter semester (2SWS): Statistical data processing, HU
- 2015 – 2016 MSc course in winter semester (2 SWS): Empirical methods for anthropogeography, HU
- 2014 – 2015 MSc course in winter semester (2 SWS): Climate system and climate change, HU
- 2009 – 2014 MSc course each summer semester (1 SWS): Flood risk, University of Potsdam (UP)
- 2009 – 2014 MSc course each winter semester (1 SWS): Introduction to risk analyses, UP

SUPERVISION

- 8 Postdocs at Section Hydrology, GFZ, Germany
- 4 PhDs / 4 Master students / 2 Bachelor students at Humboldt-Universität zu Berlin (HU), Germany
- 7 PhDs / 6 Master students / 1 Bachelor student at University of Potsdam, Germany
- 1 PhD at Technical University Berlin, Germany

Member of 13 international PhD committees: VU Amsterdam, The Netherlands; Politecnico di Torino, Italy; Delft University of Technology, The Netherlands; Università Ca' Foscari Venezia, Italy; Technical University of Denmark, Denmark; Scuola Universitaria Superiore IUSS Pavia, Italy; University of Barcelona, Spain; Università Politecnica delle Marche, Italy; Universiteit van Amsterdam, The Netherlands; Universität Bern, Switzerland; Universität Zürich, Switzerland; University of Sao Paulo, Brazil; Universidade Federal de Minas Gerais, Brazil