



RESEARCH ASSOCIATE CLIMATE RISKS AND COMPLEX SYSTEMS § 28 SUBSECTION 3 HMBHG

Institution: Faculty of Mathematics, Informatics and Natural Sciences, Department of Earth System Sciences, Center for Earth System Research and Sustainability (CEN), Research Unit for Sustainability and Climate Risks

Salary level: EGR. 13 TV-L

Start date: 01.02.2022 or as soon as possible, fixed for a period of 24 months (possibility for extension) (this is a fixed-term contract in accordance with Section 2 of the academic fixed-term labor contract act [Wissenschaftszeitvertragsgesetz, WissZeitVG])

Application deadline: 2021-11-30

Scope of work: full-time position suitable for part-time

Responsibilities:

Duties primarily include teaching and research. Research associates may also pursue independent research and further academic qualifications.

Specific Duties:

The research associate will have the opportunity for doing excellent research and teaching in the Research Unit for Sustainability and Climate Risks in the group of Prof. Jana Sillmann (Climate Statistics and Climate Extremes). The research associate will become a member of an interdisciplinary team of researchers, postdocs and PhD students and will have ample opportunity for designing and working on her/his own research ideas, for contributing to and writing research proposals and for national and international networking. The team is strongly involved in the Cluster of Excellence for Climate, Climatic Change and Society (CLICCS) at the CEN, large EU projects as well as international networks, such as the Knowledge Action Network on Emergent Risks and Extreme Events (www.risk-kan.org).

Specific duties include:

- development and implementation of scientific work in the field of modeling and analysis of impacts of climate change (including economic impacts), especially related to climate extremes, as well as risk analysis in complex systems to support decision-making processes under uncertainties (including the use of Bayesian statistics)
- participation in proposals for third-party funded projects (e.g. EU, DFG, BMBF)
- support in teaching and supervising students as well as carrying out own teaching (4 hours per week)

Requirements:

A university degree in a relevant field.

Relevant areas include physics, applied statistics, earth system sciences, environmental sciences, economics. The candidate is required to have experience in the analysis of uncertainties in climate simulations and climate impacts, in the analysis of climate extremes, and/or in modeling of complex systems and risk analysis of climate-related economic impacts across different sectors taking into account uncertainties.

Knowledge in shell scripting, UNIX/Linux operating systems, programming with advanced statistical and data analysis tools (Python, R) and Bayesian statistics is of advantage.

Very good skills in written and oral communication in English and interest in working independently, interdisciplinary, and creatively are expected.

We offer



Reliable remuneration based on wage agreements



Continuing education opportunities



University pensions



Attractive location



Flexible working hours



Work-life balance opportunities



Reduced rates available for a HVV-Proficard (transit pass) and much more



Health management



Educational leave



30 days of vacation per annum

As a University of Excellence, Universität Hamburg is one of the strongest research universities in Germany. As a flagship university in the greater Hamburg region, it nurtures innovative, cooperative contacts to partners within and outside academia. It also provides and promotes sustainable education, knowledge, and knowledge exchange locally, nationally, and internationally.

The Free and Hanseatic City of Hamburg promotes equal opportunity. As women are currently underrepresented in this job category at Universität Hamburg according to the evaluation conducted under the Hamburg act on gender equality (Hamburgisches Gleichstellungsgesetz, HambGleiG), we encourage women to apply for this position. Equally qualified and suitable female applicants will receive preference.

Severely disabled and disabled applicants with the same status will receive preference over equally qualified non-disabled applicants.

Tips on applying

Contact

Prof. Dr. Jana Sillmann
jana.sillmann@uni-hamburg.de
+49 176 50261216

Location

Grindelberg 5
20144 Hamburg
[Zu Google Maps](#)

Reference number

394

Application deadline

2021-11-30

Applications should include a cover letter, a tabular curriculum vitae, and copies of degree certificate(s). Please send applications by email to: clics-applications.cen@uni-hamburg.de

More information on [data protection](#) in selection procedure.



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