

**Faculty/Department:** MIN / Geowissenschaften  
**Seminar/Institute:** CEN / Meteorologisches Institut

Universität Hamburg invites applications for a Research Associate for the project C1: “Sustainable adaptation measures for urban areas – Water from four sides” within the framework of the DFG Cluster of Excellence ‘**CliCCS – Climate, Climatic Change and Society**’ in accordance with Section 28 subsection 3 of the Hamburg higher education act (Hamburgisches Hochschulgesetz, HmbHG). The position will be filled as soon as possible.

CliCCS is an ambitious research program at Universität Hamburg and its partner institutions. Funded by the German Research Foundation (DFG), it is part of Germany’s Excellence Strategy.

The program aims to understand climate changes, taking into account internal variability, extreme events, and unexpected side effects, addressing the natural and social spheres as well as their interactions. Thus CliCCS’ overarching research question is: Which climate futures are possible and which are plausible? CliCCS will investigate how climate changes and how society changes with it, thereby feeding back on climate. It will identify those climate futures that are consistent with both climate and social dynamics (possible), and those we expect to unfold with appreciable probability (plausible).

It is remunerated at the salary level TV-L 14 and calls for 39 hours per week. This position is suitable for part time employment.

The fixed-term nature of this contract is based upon Section 2 of the academic fixed-term labor contract act (Wissenschaftszeitvertragsgesetz, WissZeitVG). The term is fixed until the end of the project (31.12.2025).

The University aims to increase the number of women in research and teaching and explicitly encourages women to apply. Equally qualified female applicants will receive preference in accordance with the Hamburg act on gender equality (Hamburgisches Gleichstellungsgesetz, HmbGleiG).

CliCCS offers accompanying measures to help scientists thrive through all stages of their careers.

### **Responsibilities:**

Duties include academic services in the project named above. Research associates can also pursue independent research and further academic qualifications.

### **Specific Duties:**

Coordination of the development of an urban model system using components of different complexity, starting with a conceptual model, in close collaboration with project researchers of dif-

ferent expertise (meteorology, hydrology, human and physical geography, biology, urban planning). The model system shall assess water-induced vulnerabilities and consider exposures, urban ecology, land-use / morphology and social vulnerabilities and governance modes as well as the processes investigated in detail by the CliCCS collaborators. Quantitative scenarios assessments with respect to alternative sustainability goals shall be possible.

**Requirements:**

The candidate shall have multi-years' experience in modelling preferably of a component of the urban system (atmosphere, hydrosphere, biosphere, pedosphere, anthroposphere) or in development of complex models. Knowledge of FORTRAN is desired. The candidate shall have deep knowledge in urban climate preferably with a focus on the water component or experience in the development of adaptation scenarios. The candidate shall have interdisciplinary work experience and experience in coordination of a team. The project involves national and international stakeholders, thus English and German should both be fluent.

A university degree in a relevant subject (meteorology, hydrology, or comparable) plus doctorate.

Severely disabled applicants will receive preference over equally qualified non-disabled applicants.

For further information, please contact [Heinke.schluenzen@uni-hamburg.de](mailto:Heinke.schluenzen@uni-hamburg.de) or consult our website at <https://www.cliccs.uni-hamburg.de/>.

Applications should include a cover letter, curriculum vitae, and copies of degree certificate(s) submitted as one single PDF file. The application deadline is 10.01.2019. Please send applications to: [cliccs-jobs.cen@uni-hamburg.de](mailto:cliccs-jobs.cen@uni-hamburg.de).