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 Faculty of Mathematics, Informatics and Natural Science, Research Unit Sustainability and Global Change invites applications for a

RESEARCH ASSOCIATE FOR THE PROJECT
“CLICCS - CLIMATE, CLIMATIC CHANGE, AND SOCIETY”
B5: COPING WITH CLIMATE RELATED UNCERTAINTIES
- SALARY LEVEL 13 TV-L -

The position in accordance with Section 28 subsection 3 of the Hamburg higher education act (Hamburgisches Hochschulgesetz, HmbHG) commences on February 15, 2020.

This is a fixed-term contract in accordance with Section 2 of the academic fixed-term labor contract act (Wissenschaftszeitvertragsgesetz, WissZeitVG). The term is fixed for a period of 36 months. The position calls for 65 % of standard work hours per week**.

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).

PhD candidates are members of our graduate school, which aims to help young academics thrive through all stages of their training, for more information please check the link: [Graduate School](#)

** RESPONSIBILITIES:**

Duties include academic services in the project named above. Research associates may also pursue independent research and further academic qualifications.
**SPECIFIC DUTIES:**

The research associate will participate in the CLICCS-B5 project “Coping with Climate-Related Uncertainties and Variabilities” (https://www.cliccs.uni-hamburg.de/research/theme-b/b5.html). The specific duty within project B5 will be to investigate decision-making under climate targets in combination with anticipated future learning (dynamic decision-making). Part of the work should extend the foundations of the recently developed cost risk analysis which formulates target-based decision-making in a dynamically consistent manner. Cost risk analysis should be also utilized to generate integrated climate economic scenarios, to be compared to scenarios generated from cost benefit approaches, or suitable combinations of both approaches. Close collaboration with complementary activities in B5, based on the university’s experimental laboratory, is expected. The experimental laboratory provides a broad range of services for experiments in the social and economic sciences. Thereby, cost risk analysis should be critically reviewed, and, if necessary, be further developed or replaced by competing approaches of decision-making under anticipated future learning.

**REQUIREMENTS:**

A university degree in a relevant field, preferably in economics, mathematics, physics, informatics, engineering, or some field of the natural sciences contributing to climate dynamics.

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

Qualified disabled candidates or applicants with equivalent status receive preference in the application process.

For further information, please contact hermann.held@uni-hamburg.de or consult our website at https://www.cliccs.uni-hamburg.de/.

Applications should include a cover letter, a tabular curriculum vitae, and copies of degree certificate(s). Please send applications (1 PDF) by December 15, 2019 to: cliccs-applications.cen@uni-hamburg.de with the Subject ‘Application B5 PhD’.

Please do not submit original documents as we are not able to return them. Any documents submitted will be destroyed after the application process has concluded.