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 Sciences, Institute of Geography invites applications for three

**RESEARCH ASSOCIATES FOR THE PROJECT**

**“CLICCS - CLIMATE, CLIMATIC CHANGE, AND SOCIETY”**

**C2: SUSTAINABLE LAND-USE SCENARIOS: SOIL, BIODIVERSITY, WATER, FOOD AND ENERGY SECURITY**

- 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 1 January 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](#).

* Full-time positions currently comprise 39 hours per week.
RESPONSIBILITIES:
Duties include academic services in the project named above. Research associates may also pursue independent research and further academic qualifications.

SPECIFIC DUTIES:
In the framework of the CLICCS project C2 "Sustainable Land-Use Scenarios: Soil, Biodiversity, Water, Food and Energy Security" the research associates are assigned to one of the following research topics:

Position 1: Options for forest sector mitigation options, including forest management, carbon retention in long-lived wood products as well as energetic and material substitution

Position 2: EPIC-model based assessment of agricultural systems to simulate biogeophysical impacts of environmental, technical, and political change and agricultural adaptation and mitigation options. Model validation will be performed in focus regions of CLICCS-C2.

Position 3: Empirical agent-based modelling for analyzing and simulating land use and land management decisions of heterogeneous actors under changing natural and socio-economic environments in focus regions of CLICCS-C2

Specific duties include:
• Designing and conducting empirical research on one of the research questions mentioned above, in at least one of the following regions: Amazonia/Brazil, Southern Africa, Northern India/Nepal, Northern Germany;
• Linking his*her research with other research activities of the C2 project;
• Presentation of research at international conferences and publication of research results in relevant international journals.

REQUIREMENTS:
A university degree in a relevant field. A Master’s degree (or equivalent) in earth system sciences or related academic fields with very good grades

• Advanced knowledge in integrative land-use/climate change constellations
• Good proficiency in techniques of empirical research and modelling
• Capacity for teamwork in an interdisciplinary environment
• Fluency in English (spoken and written)
• German language skills are desirable

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 Prof. Dr. Michael Köhl, Prof. Dr. Jürgen Scheffran, Prof. Dr. Uwe Schneide or consult our website at https://www.cliccs.uni-hamburg.de/research/theme-c/c2.html. Interviews will likely take place in late October 2019.

Applications should include a cover letter, a tabular curriculum vitae, and copies of degree certificate(s). Please send applications by 18 October 2019 to: c2chairs.cliccs.cen@uni-hamburg.de. Applications should additionally include a letter of motivation (500 words max.) and should be submitted as 1 single PDF. Please state in the subject line the position you are applying for.

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.