



Universität Hamburg  
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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, Department of Earth Sciences, Institute of Soil Science invites applications for a

## RESEARCH ASSOCIATE FOR THE PROJECT “CLICCS” C2: SUSTAINABLE LAND-USE SCENARIOS: SOIL, BIODIVERSITY, WATER, FOOD AND ENERGY SECURITY - SALARY LEVEL 13 TV-L -

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The position in accordance with Section 28 subsection 1 of the Hamburg higher education act (Hamburgisches Hochschulgesetz, HmbHG) commences on July 7, 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 three years. The position calls for 66.67 % of standard work 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:

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).

\* Full-time positions currently comprise 39 hours per week.

In the framework of the CLICCS project C2 “Sustainable Land-Use Scenarios: Soil, Biodiversity, Water, Food and Energy Security” the research associate is assigned to the following research topics:

- Assessment of impacts from land use and land management on soil properties and soil processes relevant for soil quality and carbon sequestration in focus regions of CLICCS-C2.
- Modelling of soil-nutrient and soil-water balances under different climate conditions and projections.

Specific duties include:

- Designing and conducting empirical research on the research question mentioned above, in at least one of the following regions: Amazonia/Brazil, Southern Africa, Northeast India/Nepal, Northern Germany;
- Linking his\*her research with other research activities of the C2 project, especially with model based assessments of agricultural and forest management systems
- Presentation of research at international conferences and publication of research results in relevant international journals.

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](#)

## **REQUIREMENTS:**

A university degree in a relevant field.

- A Master’s degree (or equivalent) in earth system sciences or related academic fields with special focus on soil sciences 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

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

For further information, please contact Prof. Dr. Annette Eschenbach ([annette.eschenbach@uni-hamburg.de](mailto:annette.eschenbach@uni-hamburg.de)) or consult our website at <https://www.cliccs.uni-hamburg.de/research/theme-c/c2.html>.

Applications should include a cover letter, a tabular curriculum vitae, and copies of degree certificate(s). Please send applications by March 31, 2020 to:

[cliccs-applications.cen@uni-hamburg.de](mailto:cliccs-applications.cen@uni-hamburg.de)

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