

Faculty/Department: Mathematics, Informatics, Natural Sciences
Seminar/Institute: Institute of Geology, Biogeochemistry

Universität Hamburg invites applications for a Research Associate in the field of biogeochemistry C3: ‘Sustainable Adaptation Scenarios for Coastal Systems’ for the project “**CliCCS**” in accordance with Section 28 subsection 3 of the Hamburg higher education act (Hamburgisches Hochschulgesetz, HmbHG). The position commences as soon as possible.

CliCCS is an ambitious research program at Universität Hamburg and strong 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). The PhD project (that is part of a group involving experimental and modeling methods) examines the interactions of climate change and human activities in the removal of reactive nitrogen in eutrophic waters and in particular in estuaries. N-removal is key to eutrophication in coastal waters, but is regulated by a number of environmental factors that the project is expected to identify and quantify.

The position is remunerated at the salary level TV-L 13 and calls for 65 % of standard work hours per week*.

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 for a period of 3 years. 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).

Our graduate school 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 can also pursue independent research and further academic qualifications.

Specific Duties:

Field work, setting up sampling schemes, perform chemical analyses in the laboratory, analyse and publish data in the scientific literature

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

Requirements:

A university degree in a relevant field (geosciences, biology, chemistry), willingness and ability to work on research vessels and in chemical laboratories.

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

For further information, please contact kay.emeis@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 January 31, 2019. Please send applications to: Prof. Kay Emeis, Institut für Geologie, Universität Hamburg, Bundesstrasse 55, 20146 Hamburg, Germany. Email: kay.emeis@uni-hamburg.de