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 Geosciences, Institute of Geology invites applications for a

**RESEARCH ASSOCIATE IN THE FIELD OF MARINE RESEARCH/EXPEDITIONS OF R/V SONNE**

- **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 01.10.2020 if the funds will be granted.

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 until 30.11.2021. The position calls for 100 % of standard work hours per week**. This position is also suitable for part time employment.

**RESPONSIBILITIES:**

Duties primarily include teaching and research. Research associates may also pursue independent research and further academic qualifications.

**SPECIFIC DUTIES:**

On an expedition of R/V Sonne to the Arabian Sea water, suspended matter and sediment samples will be taken. DOC size classes will be obtained on board by ultrafiltration. The samples will be analysed for stable nitrogen isotopes and biogeochemical indicators of degradation (such as amino acids). The aims of the investigations are to better understand the interaction between the dissolved and particulate organic matter pools and their degradation processes. This will contribute to a better understanding of global element cycles and their reactions to climate change.

Major project tasks are:
- Sampling on board including the use of an ultrafiltration
- Sample analyses of stable isotopes and labile constituents of organic matter
- Data analyses in cooperation with project partners with respect to N-cycling processes and the role of DOC/DON in marine element cycling
- Publication of results in international journals

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

A university degree in a relevant field. A university degree in marine or environmental science (such as biogeochemistry, oceanography, marine chemistry or marine geology) is required. Experience in processing and analysis of biogeochemical data sets, laboratory working experience and experiences in research cruises and research visits are preferred. High motivation and strong communication skills and ability to work organized and independently in an inter- and transdisciplinary team are welcome.

The Free and Hanseatic City of Hamburg promotes equal opportunity. As women are currently underrepresented in this job category at Universität Hamburg according to the evaluation conducted under the Hamburg act on gender equality (Hamburgisches Gleichstellungsgesetz, HambGleiG), we encourage women to apply for this position. Equally qualified and suitable female applicants will receive preference.

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

For further information, please contact Dr. Birgit Gaye, birgit.gaye@uni-hamburg.de, Tel.: +49 40 42838-7088 or consult our website at https://www.geo.uni-hamburg.de/geologie.html.

Applications should include a cover letter, a tabular curriculum vitae, and copies of degree certificate(s). Please send applications by 10.08.2020 to: birgit.gaye@uni-hamburg.de.

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.