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 MODELLING SOIL CARBON DYNAMICS**
- SALARY LEVEL 13 TV-L -

The position in accordance with Section 28 subsection 1 of the Hamburg higher education act (Hamburgisches Hochschulgesetz, HmbHG) commences on 16 Nov 2019 or as soon as possible.

This is a fixed term contract in accordance with Section 2 of the academic fixed-term labor contract act (Wissenschaftszeitvertragsgesetz, WissZeitVG). The initial fixed term is three years. The position calls for 66.67% of standard work hours per week.*

**RESPONSIBILITIES:**
Research associates will be expected primarily to teach and conduct research. The research associate will also have the opportunity to pursue further academic qualifications, in particular a doctoral dissertation. At least one-third of set working hours will be made available for the research associate's own academic work.

**SPECIFIC DUTIES:**
The successful candidate will be integrated into a growing and dynamic working group which has a strong focus on future carbon balance of permafrost ecosystems in northern high latitudes. In particular, new concepts of the dynamics of soil organic matter are to be developed. These computer models will explain experimental results and field observations and also will be able to be used in Earth system models. This position includes 2.5 teaching hours per week.

**REQUIREMENTS:**
A university degree in a relevant field. We are looking for graduates from any mathematical-scientific subject including informatics. Knowledge about Earth science / biogeochemical processes as well as experience with a language, such as MATLAB or C are preferable.

* Full-time positions currently comprise 39 hours per week.
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. Christian Beer (christian.beer@uni-hamburg.de) or consult our website at https://www.geo.uni-hamburg.de/de/bodenkunde.html.

Applications should include a cover letter, a tabular curriculum vitae, and copies of degree certificate(s). Please send applications by 30 Sept 2019 preferably in one closed PDF document to: christian.beer@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.