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
“PROCESS-ORIENTED CRYOTURBATION MODELLING ”
FOR DYNAMIC MODELLING OF FROST ACTION PROCESSES
- 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 Dec 2019.

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 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:
The successful candidate will be integrated into an open, growing and dynamic working group which has a strong focus on future carbon balance of permafrost ecosystems in northern high latitudes. Embedded in the DFG project "Process-oriented cryoturbation modelling", the research associate will develop soil models at plot level by processes specific for frost actions, such as frost heave or subsidence for further understanding cryoturbation.

REQUIREMENTS:
A university degree in a relevant subject plus doctorate. Any experience with physical or biogeochemical processes and dynamic models is beneficial for this position. The successful candidate will solve differential equations numerically and estimate related parameters based on observations in the field.

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).
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 13 Oct 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.