



Universität Hamburg  
DER FORSCHUNG | DER LEHRE | DER BILDUNG

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 System Sciences/Institute of Soil Science invites applications for a

## RESEARCH ASSOCIATE FOR DYNAMIC MODELLING OF PERMAFROST ECOSYSTEMS

- SALARY LEVEL 13 TV-L -

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The position in accordance with Section 28 subsection 3 of the Hamburg higher education act (Hamburgisches Hochschulgesetz, HmbHG) commences 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 term is fixed for a period of three years. The position calls for 39 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:

The successful candidate will be integrated into a growing and dynamic working group which has a strong focus on the future carbon balance of northern high latitude permafrost ecosystems. In collaboration with the group, the research associate will advance global soil models by processes specific for permafrost ecosystems, in particular biogeochemical processes and frost action processes. Such advanced models will enable a more valid simulation of permafrost carbon dynamics during the past and into the future. The successful candidate will have the opportunity to establish their own research programme in the field of permafrost ecosystem dynamics. Therefore, first ideas about it are expected in the cover letter. This position includes 4 teaching hours per week in the Geoscience BSc or MSc programmes.

## REQUIREMENTS:

A university degree in a relevant subject plus doctorate. Any experience with prognostic modelling physical or biogeochemical processes, preferably using soil models is beneficial for this position.

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 Prof. Dr. Christian Beer ([christian.beer@uni-hamburg.de](mailto:christian.beer@uni-hamburg.de)) or consult our website at <https://www.geo.uni-hamburg.de/en/bodenkunde/personen/christian-beer.html>.

Applications should include a cover letter, a tabular curriculum vitae, and copies of degree certificate(s). Please send applications by 16.02.2021 in one closed PDF document to: [christian.beer@uni-hamburg.de](mailto:christian.beer@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.