



Job vacancy

Research Fellow (Pre/Post-Doc) - Institute of Botany and Landscape Ecology 25/Wi16

University of Greifswald, 22 April 2025 | deadline: 15 May 2025

At the **Institute of Botany and Landscape Ecology, Peatland Science Group** of the Faculty of Mathematics and Natural Sciences at the University of Greifswald, there is a job vacancy that is available, subject to budgetary regulations, starting from **1 July 2025**, for a 65% position as

Research Fellow (Pre/Post-Doc).

The contract is limited to **31 March 2027**. Payment shall be made in accordance with pay group 13 *TV-L Wissenschaft*. Depending on the achievement of a milestone in the project, an extension until 30.06.2028 is possible.

The Peatland Science Group works broadly on many key topics of peatland research. In addition to basic palaeo-ecological research, studies and projects on the sustainable use of peatlands (paludiculture), the recording of carbon turnover and greenhouse gas exchange as well as the synthesis of available data on the role of peatlands and peatland sites in the Earth's climate system play an important role. Landscape-ecological peatland research is fundamentally co-operative and interdisciplinary. We combine basic research with possible applications and practical relevance. Its strength lies in the breadth and integration of research with the implementation of rewetting and peatland restoration.

The aim of the **MOOSland** research project is to further develop peat moss paludiculture as part of a model and demonstration project funded by the BMEL and to bring it into widespread use. The position advertised here will compare the greenhouse gas exchange of existing and newly established peat moss paludiculture systems and will also include reference measurements on drained raised bog grassland. The analysis will be based in particular on data from quasi-continuous measurements with Eddy Covariance but also on campaign-based canopy measurements and will include other additional data (water levels, soil moisture, soil and air temperatures, DOC and nutrients in pore water, etc.). The EC systems run and are permanently supervised by an engineer-technician, the canopy measurements will be organized by the person to be hired here and implemented in cooperation with a field technician working across sub-projects. The position is suitable for the completion of a doctorate.

Tasks:

- (Monitoring of) measurement and analysis of greenhouse gas exchange on differently aged sites with peat moss paludiculture in comparison to the drained reference state
- Planning, implementation and guidance of GHG exchange measurements in the field and, if necessary, in experimental approaches
- Organisation and implementation of the recording of additional parameters such as water levels, temperatures, radiation, water chemistry parameters, etc.
- Regular derivation of GHG fluxes, determination of annual and seasonal balances and analysis of the overall data collected to improve the process understanding of the GHG

fluxes of peat moss paludiculture areas

- Publication of the results in relevant, recognised scientific journals
- Possibility to write a doctoral thesis is given.

Requirements:

- Completed postgraduate university degree in landscape ecology, biology, agricultural sciences or equivalent
- Comprehensive understanding of the ecology of peatlands
- Very good German and English language skills
- Driving licence and willingness to travel regularly to the study sites in northern Germany

Desirable:

- Strong interest in applied research on peatland/peatland protection
- Experience in conducting, organizing and/or analyzing GHG exchange measurements
- Independent working style with hands-on mentality, team spirit, helpfulness and reliability

The position is open to all persons, irrespective of gender. Severely disabled applicants with the same qualifications will be considered with preference. According to § 68(3) PersVG M-V, the Staff Council will only be involved in staff matters of the academic or artistic staff on request.

Unfortunately, application costs (e.g. travel expenses for interviews) will not be reimbursed by the State of Mecklenburg-Vorpommern.

Please note that by submitting your application, you provide your consent pursuant to data protection law for our processing of your application data. Further information about the legal bases and the use of your data can be found [here](#).

Please send your application with the usual documents via email (one PDF file), with reference to job advertisement number **25/Wi16** by **15.05.2025** to:

Universität Greifswald
Institut für Botanik und Landschaftsökologie
Prof. Dr. Gerald Jurasinski
Soldmannstr. 15
17489 Greifswald

gerald.jurasinski@uni-greifswald.de

