



Job vacancy

Scientist in Phenotyping of paludiculture plants - Institute of Botany and Landscape Ecology 26/Wi12

University of Greifswald, 05 August 2026 | deadline: 30 August 2026

At the **Institute of Botany and Landscape Ecology**, Experimental Plant Ecology Working Group, which belongs to the University of Greifswald's Faculty of Mathematics and Natural Sciences, there is a job vacancy for a full-time position, subject to funding availability, that will be available from **1 October 2026** on a fixed-term contract **until 30 June 2031**, for a

Research Assistant for the Phenotyping of Paludiculture Plants

Payment will be made according to pay group 13 *TV?L Wissenschaft*. The job is suitable for part-time work.

We are looking for highly motivated candidates for the joint project on peatland research, funded by the Federal Ministry for the Environment, Climate Action, Nature Conservation and Nuclear Safety. The new Peatland Research Cluster brings together the expertise of the University of Greifswald and the Greifswald Mire Centre e.V.

Peatlands are very important for achieving the ambitious targets set out in the Federal Climate Protection Act, the German Peatland Conservation Strategy and the Nature Restoration Law. There is therefore a significant need for research, particularly into rewetted peatlands. There is an urgent need for both in-depth basic research and wide-ranging applied research. The same applies to the associated research infrastructure available for public use. The project results will serve as a model and be transferable in both national and international contexts. The research within the joint project will focus on biodiversity and ecosystem services, the water cycle and water quality, and sustainable use/paludiculture.

In this job, the aim is to conduct phenotypic research on paludiculture plants. This research can draw on an extensive existing dataset, living collections of micro-provenances and genotypes of the common reed and sphagnum moss, and field trials. Technical and horticultural support is also available for the management of the trials.

Work tasks:

- Independent research on paludiculture plants, e.g. common reed (*Phragmites australis*) and sphagnum moss (*Sphagnum* spp.), focused on their performance under different site conditions in pot and field trials
- Analysis of existing data and independently collected data and the drafting of high-quality scientific publications based on this
- Designing and drafting grant applications to secure further external funding for this research area
- Supervising doctoral candidates and students

Recruitment requirements:

- Completed academic degree (master's degree or equivalent) in a related topic
- Very good knowledge and confident application of phenotyping methods
- Detailed knowledge of data analysis in phenotyping approaches, preferably in R
- Extensive botanical knowledge, particularly of peatland plants
- Knowledge of peatland ecology
- Experience with scientific publications
- Very good knowledge of German and English
- Ability to work independently with a hands-on mentality, team spirit, a willingness to help and reliability

Other knowledge and skills that will be taken into account as key factors in the selection process are:

- Completed doctoral degree in a related topic
- Knowledge of molecular genetics and experience in analysis

This vacancy is open to all persons, irrespective of gender. Severely disabled applicants with the same qualifications will be considered with preference.

Pursuant to § 83(8) Sentence 3, read in conjunction with § 83(1) Item 1 PersVG M-V, the Staff Council shall only be consulted on the appointment and determination of the pay grade for members of academic or artistic staff upon request. The request may be submitted in text form, via email, together with the application documents.

Unfortunately, application costs 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](#).

Applications comprising all usual documents must be sent with reference to the job advertisement number **26/Wi12** by **30 August 2026**, preferably via email (one PDF file), to:

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