UNIVERSITÄT GREIFSWALD
Wissen lockt. Seit 1456

Job vacancy

Research Assistant - Institute of Data Science 25/Sa01

University of Greifswald, 10 January 2025 | deadline: 02 February 2025

At the University of Greifswald's **Institute of Data Science** in the Faculty of Mathematics and Natural Sciences, there is a job vacancy starting **1 April 2025,** subject to the allocation of funds, for a full-time

Research Assistant.

The position is to be filled for a **limited period of 45 months**. Payment will be made according to pay group 13 *TV?L Wissenschaft*. The position is suitable for part-time employment.

We are seeking highly motivated candidates for the newly established Collaborative Research Centre "WETSCAPES2.0", funded by the German Research Foundation (DFG). WETSCAPES2.0 combines expertise from the University of Greifswald, the University of Rostock, the IGB Berlin, GFZ Potsdam, Ludwig-Maximilians-Universität München, the MPI for Biogeochemistry Jena and the Humboldt-Universität zu Berlin. WETSCAPES2.0 focuses on the functional understanding of rewetted fens, including coastal peatlands, in Mecklenburg-Vorpommern. The rewetting of previously drained and often agriculturally used fens results in the development of novel ecosystems that differ from natural peatlands and are largely unexplored. The planned monitoring, experimental and modelling research will focus on biogeochemical, hydrological and biological processes, placing emphasis on water and matter fluxes within and beyond the peat body and their associated microbiological and biological drivers. In addition to site-level studies, researchers will investigate the role of rewetted fens in the landscape on the whole.

For more details about the overarching research questions, specific topics approached by this position in sub-project Z3, the training programme and contact persons, please visit http://www.uni-greifswald.de/wetscapes2.

Job Description:

During the project, different types of data will be collected and integrated into the research management infrastructure. The doctoral researcher in the project Z3 will have the following responsibilities:

• Setting up a virtual research environment for the collaboration of multidisciplinary researchers
• Integration of measurement data
• Standardisation of workflows for quality assurance, traceability, and reproducibility
• Development of methods for automatic quality assurance of heterogenous data
• Publication of the obtained results in scientific journals

Job Requirements:
 We invite applications from highly motivated candidates with above-average qualifications,

passion for and experience in research, and the willingness to actively participate in an interdisciplinary and international research environment. Successful applicants will have:

- University degree (M.Sc. or equivalent) in computer science, data science or another related discipline,
- Solid background in research data management
- Experience with statistical analysis and machine learning methods
- Hands on experience with R or Python
- Excellent English language skills, and
- Motivation to join an interdisciplinary and international research and training environment.

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

In accordance with § 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.

Applications comprising all usual documents must be sent with reference to the job advertisement number **25/Sa01** by **02 February 2025**, preferably via email (one PDF file), to:

Universität Greifswald
 Institut für Data Science
 Frau Prof. Dr.-Ing. Kristina Yordanova
 Felix-Hausdorff-Straße 18
 17489 Greifswald

kristina.yordanova@uni-greifswald.de