



Job Announcement

Young, modern, and research-oriented... the University of Potsdam has firmly established itself within the scientific landscape since its founding in 1991. Nationally and internationally renowned scientists teach and perform research here at Brandenburg's largest university. The University of Potsdam is successful in acquiring third-party funds, delivers outstanding performance in technology and knowledge transfer, and has a very service-oriented administration. With about 22,000 students studying at three campuses – Am Neuen Palais, Griebnitzsee and Golm – the University of Potsdam is a prominent economic factor and engine of development for the region. The University of Potsdam has a total of over 3,000 faculty and staff members and is located in one of Germany's most scenic areas.

The **University of Potsdam, Faculty of Science, Institute of Environmental Science and Geography**, invites applications for the following position as part of the third-party funded project **“Metrology for multi-scale monitoring of soil moisture”**:

Academic Staff Member Requisition No.: 363/2022

The position is available as soon as possible. The salary is determined by the collective bargaining agreement for public employees in Germany (TV-L 13). The position is for 26 hours per week (65 % of a full-time contract). This is a temporary position limited until September 30, 2025 in accordance with Section 2 subsection 1 of the Fixed-Term Employment Contracts in Science and Research Act (WissZeitVG) There is the possibility for further scientific qualification (doctorate).

Responsibilities:

- Determination of soil moisture in a field test laboratory using non-invasive cosmic-ray neutron sensing (CRNS) plus accompanying measurements
- Contributions to the metrological validation of CRNS together with point and remote sensing data, also in the field
- Development of standardized methods for determining representative soil moisture from CRNS measurements
- Merging results and writing project reports

Qualifications:

- Master's degree in environmental hydrology, e.g. environmental sciences, geoecology, hydrology, or similar international degrees (English); OR
- Master's degree in Physics or Environmental Physics
- Knowledge of terrestrial water cycle and physical measurement methods in the environment, preferably soil moisture measurements
- Interest in scientific work
- Teamwork skills

We offer you varied and challenging tasks in a dynamic team as well as attractive working conditions. Find out more about the wide range of offers and benefits for our employees on the internet at <https://www.uni-potsdam.de/de/arbeiten-an-der-up/>. For further insights into the University of Potsdam, please visit our homepage at <https://www.uni-potsdam.de/en/>. Mr. Prof.

Dr. Sascha Oswald will be happy to provide you with further information regarding the job advertisement via e-mail: sascha.oswald@uni-potsdam.de.

Under the laws of the federal state of Brandenburg, employees under this contract are permitted to dedicate at least 33% of their contract time to their own academic qualification.

The University of Potsdam aims to increase the proportion of women in research and teaching and therefore invites qualified female applicants to apply. The University of Potsdam values the diversity of its members and pursues the goals of equal opportunities regardless of gender, nationality, ethnic and social origin, religion/belief, disability, age, sexual orientation or identity. In the case of equal suitability, women within the meaning of Section 7 (4) BbgHG (Brandenburg Higher Education Act) and people with severe disabilities will be given preferential consideration. Applications from abroad and from persons with a migration background are expressly welcome.

Applicants should send their application materials, by 03 October, 2022 at the latest, either by mail to the University of Potsdam, Institute of Environmental Science and Geography, Karl-Liebknecht-Straße 24-25, 14476 Potsdam, Germany, or via email to sascha.oswald@uni-potsdam.de with the subject line, “Job Title – requisition number.”

If you would like us to return your application documents, we request that you include a self-addressed stamped envelope.

Potsdam, September 12, 2022