



Technische Universität Berlin



Research Assistant - 0.75 working-time - salary grade E13 TV-L Berliner Hochschulen

Faculty VI - Planning Building Environment, Institute of Ecology / Ecohydrology and Landscape Evaluation

Reference number: VI-483/25 (starting at 01/01/26 / for 36 months / closing date for applications 14/11/25)

Your responsibility:

As part of the SaveWaterVeg research project of the German Research Foundation, we are looking for a motivated, talented individual with master's degree in hydrology, water engineering, geoecology or environmental sciences who is interested in the sustainable use of water in cities. The aim is to monitor and model the water stress of urban green (green spaces, green strips, parks, street trees) in the greater Berlin area. The goal of the study is to quantify the water requirements and water losses of urban green during heat waves and to analyze the potential extent to which sufficient water resources are available to prevent permanent damage to urban green and at the same time optimise the cooling effects of urban green. The opportunity to pursue a doctorate is available.

Your profile:

- Successfully completed university degree (Master, Diplom or equivalent) in hydrology, geoecology, or environmental sciences
- Willingness to participate in field campaigns lasting several months in the greater Berlin TU Campus area
- Solid experience in hydrological field work. Solid experience in hydrological modeling or crop modeling
- Very good programming skills in R-Cran
- Good knowledge of German and/or English required; willingness to acquire the respective missing language skills.
- Good programming skills in Python desirable

How to apply:

Please send your application **with the reference number** and the usual documents **only via email** (bundled in one PDF document; max. 5 MB) to Prof. Dr. Eva Paton (eva.paton@tu-berlin.de).

By submitting your application via email you consent to having your data electronically processed and saved. Please note that we do not provide a guaranty for the protection of your personal data when submitted as unprotected file. Please find our data protection notice acc. DSGVO (General Data Protection Regulation) at the TU staff department homepage: https://www.abt2-t.tu-berlin.de/menue/themen_a_z/datenschutzerklaerung/.

To ensure equal opportunities between women and men, applications by women with the required qualifications are explicitly desired. Qualified individuals with disabilities will be favored. The TU Berlin values the diversity of its members and is committed to the goals of equal opportunities. Applications from people of all nationalities and with a migration background are very welcome.

The vacancy is also available on the internet at:
<https://www.jobs.tu-berlin.de>

