



Technische Universität Berlin



Research Assistant - salary grade E13 TV-L Berliner Hochschulen - 1st qualification period (PhD candidate)

part-time employment may be possible

Faculty VI - Planning Building Environment, Institute of Civil Engineering / Soil Mechanics and Geotechnical Engineering

Reference number: VI-402/25 (starting at 01/04/26 / for 5 years / closing date for applications 03/10/25)

Your responsibility:

Conducting research and teaching at the Chair of Soil Mechanics and Geotechnical Engineering

Particular tasks are:

- Development of scientific methods in the field of circular processes in geotechnical engineering
- Development, implementation and application of reliability-based calculations for existing foundation bodies
- Project communication and preparation of project reports
- Documentation of the research, preparation of project reports, presentation and publication of the research results in scientific journals and conference proceedings
- Independent planning, preparation and conduction of courses and examinations in the Bachelor's and Master's programs in Civil Engineering, language of instruction german
- Supervision of Bachelor's and Master's theses

Your profile:

- Successfully completed academic university degree (Master, Diplom or equivalent) in civil engineering
- In-depth knowledge of geotechnical engineering, circular economy and probabilistic methods. The willingness to acquire missing knowledge is a prerequisite.
- Comprehensive IT skills in MS Office and profound knowledge of programming languages such as Python and Matlab are required.
- The ability to teach in German and/or in English is required; willingness to acquire the respective missing language skills.
- Experience in research (preparation of research proposals, project coordination and realization) and teaching as well as very good presentation skills are desirable.
- Capacity for teamwork and high level of commitment are desirable.

How to apply:

Please send your application **with the reference number** and the usual documents **only by email** (single pdf file, max. 5 MB) to Prof. Dr. Frank Rackwitz via **nancy.hadzic-schulz@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>

