



Technische Universität Berlin offers an open position:

## **Research Associate (PostDoc) - salary grade E13 TV-L Berliner Hochschulen - 2nd qualification period (Habilitation)**

part-time employment may be possible

The position is based at the Department of Plant Ecology at the Institute of Ecology of the TU Berlin - "Berlin School of Urban Ecology". We investigate the structure, dynamics and functionality of ecosystems and landscapes in response to climate and land use change. Our work focuses primarily on urban, coastal and estuarine systems. The most important tool is statistical and process-based modeling on the basis of diverse field studies. The focus of the position will be on the investigation of interactions and feedbacks between abiotics and biotics, but you can develop your own research profile depending on your skills and interests.

### **Faculty VI - Institute of Ecology / Plant Ecology**

**Reference number:** VI-408/24 (starting at 01/10/24 / limited until 31/05/2029 / closing date for applications 23/09/24)

#### **Working field:**

- Integrative research on interactions of plants with other organisms and environmental factors
- Cooperation with project partners and stakeholders (national parks, NGOs)
- Teaching for the degree programs BSc Ecology/Environmental Planning, BSc Landscape Architecture (mandatory in German), MSc Urban Ecology (in English) in the scope of 4 SWS (weekly contact hours during the semester)
- (Co-)supervision and guidance of student theses (BSc and MSc)
- Publication in international peer-reviewed journals
- Acquisition of third-party funding
- Participation in organizational tasks of the department and the institute
- Processing large geo and environmental data sets (e.g. laser scans)

#### **Requirements:**

- Successfully completed university degree (Master, Diplom or equivalent) and PhD in Ecology, Environmental Sciences, Geocology, Landscape Ecology, Biology or a related discipline,
- Willingness to conduct interdisciplinary research and a strong motivation to carry out innovative research and teaching in plant ecology
- In-depth knowledge of ecological field methods
- Knowledge of functional plant ecology and experience in biodiversity-related interdisciplinary research
- Very good knowledge of statistical analysis and programming in R as well as data management
- Extensive experience with scientific writing and communication
- Experience in teaching and thesis supervision
- The ability to teach in German and in English is required

#### **Desirable:**

- Ability to work independently and cooperate in an interdisciplinary team
- Driving license class B or 3

#### **Working environment:**

We offer a stimulating research environment within an interdisciplinary, col-lab-o-ra-tive context as well as an attractive workplace and a healthy working environment in the centre of Berlin. You will have the opportunity to develop your own research profile and to network with various international and national cooperation partners (e.g. EU project DuneFront, BMBF project SeaStore2, BMU project TideElbeKlima).

For informal enquiries please contact Prof. Dr. Boris Schröder-Esselbach ([schroeder-esselbach@tu-berlin.de](mailto:schroeder-esselbach@tu-berlin.de))

Please send complete application documents as a single pdf-file including a letter of motivation, scientific CV, publication record, your two most relevant publications, copies of relevant degrees, and contact details of two academic references by indicating **the reference number and addressed to Stefanie Ludwig at Technische Universität Berlin ([s.ludwig@tu-berlin.de](mailto:s.ludwig@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/](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.

Technische Universität Berlin - Die Präsidentin - Fakultät VI, Institut für Ökologie, FG Pflanzenökologie, Prof. Dr. Schröder-Esselbach, Sekr. AB 1, Rothenburgstr. 12, 12165 Berlin

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

