Technische Universität Berlin offers an open position:

**Research assistant with focus on teaching - salary grade E13 TV-L Berliner Hochschulen**

part-time employment may be possible

**Faculty VI - Institute for Landscape Architecture and Environmental Planning**

**Reference number:** VI-617/20 (starting at the earliest possible / unlimited / closing date for applications 13/10/21)

**Working field:** Visualisation and design are of central importance for landscape architecture, but also for the communication of its results. The mastery of their methods forms the indispensable basic framework for the development and understanding of solutions in landscape architecture. Besides teaching of basic knowledge and fundamental skills, an active, future-oriented and critical examination of the dynamically evolving digital and hybrid methods of visualisation and design has to be carried out. This enables graduates to cope with complex tasks and to be internationally competitive.

The task of the position holder is therefore to convey the relevant knowledge and skills of visualisation and design in landscape architecture in a didactically high-quality manner, which also actively takes up future developments. Teaching is primarily carried out in the study programs of Landscape architecture, but also in the bachelor course Ecology and Environmental planning. Teaching duties currently comprise 14 hours per week per semester (Semi-sterwochenstunden).

**Requirements:** Fulfillment of the hiring requirements according to §110a BerlHG; this includes a successfully completed university degree (master's degree, diploma, or equivalent) in landscape architecture or a related discipline and pedagogical aptitude as well as at least three years of academically or profession-al practical experience. The ability to teach in both German and English is required.

The future position holder is familiar with the requirements of landscape architecture in teaching, practice and research. This includes mastery of various analogue, digital and hybrid methods of visualisation and design in landscape architecture. These are giving justice to traditional as well as changing and experimental design practices. The requirements include simple design-supporting plan visualisations and models, communication of complex conceptual approaches, process-oriented and participative forms of presentation as well as to high-end communication and digital design tools.

Required qualifications for the position are:

- Knowledge design in landscape architecture at various scales and of the materials used in the process (plants, building materials)
- Competence in design-supporting visualisation and design, both in the design process as well as in the presentation of its results. This includes central techniques such as collage, sketch, free-hand drawing, model making, plan, section, perspective, detail
- Competence in visualisation in the context of landscape architectural implementation planning: technical plans, concept plans, construction drawings, sections, details, planting plans
- Competence in the field of communication-supporting visualisations and the digital tools necessary for this: Vectorworks, AutoCAD, Rhinoceros 3D, Cinema4D, Sketchup, image processing, virtual reality, simulations, GIS
- Knowledge of environmental planning instruments (landscape planning, environmental assessments) and their requirements on visualisation by maps or the willingness to acquire this knowledge as quickly as possible

Furthermore, is expected:

- Methodological competence regarding layout and presentation techniques: graphics, brochures, publishing publications, exhibitions and websites
- that applicants have ideas on how presentation methods in landscape architecture can be further developed in terms of design and/or technically and how this can be done in the context of university research.

Please send your written application with the reference number and the usual documents only by email to Prof. Heiland (stefan.heiland@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 guarantee 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.tu-berlin.de/menue/themen_a_z/datenschutzerklaerung/ or quick access 214041

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 - Der Präsident - Fakultät VI, Institut für Landschaftsarchitektur und Umweltplanung, Prof. Heiland, Sekr. EB 5, Straße des 17. Juni 145, 10623 Berlin

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