



**Technische Universität Berlin**



Technische Universität Berlin offers an open position:

## **Research Assistant - salary grade E 13 TV-L Berliner Hochschulen**

under the reserve that funds are granted - part-time employment may be possible

The Einstein Research Unit Climate and Water under Change (CliWaC) is a transdisciplinary research initiative of the Berlin University Alliance to address water-related risks under climate change. CliWaC will bring together social and natural science as well as practical expertise from stakeholders to support the governance of mitigation and adaptation measures in response to climate change. Further job announcements of CliWaC will be published at: [www.cliwac.de/jobs](http://www.cliwac.de/jobs)

### **Faculty VI– Institute of Landscape Architecture and Environmental Planning / Geoinformation in Environmental Planning Lab**

**Reference number:** VI-709/21 (starting at 01/01/22 / limited until 31/12/23, with the possible extension until the 31/12/2024 / closing date for applications 17/12/21)

**Working field:** The project mainly belongs to work package B1: “Ecosystems, Biodiversity and Ecosystem Services” of CliWaC and deals with feedbacks between water availability and intensively or extensively managed ecosystems (focus on forestial, and urban areas). Effects of atmospheric conditions in space and time and resulting changes in groundwater levels both on the state of ecosystems and on the provision of ecosystem services will be determined using remote sensing.

#### **Requirements:**

- successfully completed university degree (Master, Diplom or equivalent) and PhD in Geoecology, Geography, Forest Science, Environmental Sciences, Geosciences, or a related field with a strong focus on remote sensing.
- Substantial experiences in vegetation monitoring with time series analysis (satellite and/or drone, passive and/or active sensors)
- Profound experience in programming preferably python and/or R and statistical analysis
- Interest and/or experience in machine learning and deep learning
- Willingness to do field work
- Very good command of English (speaking and writing); oral expression skills in German are advantageous but not mandatory
- Interest in inter- and transdisciplinary research
- Ability to work independently and to organize research projects

For more information, please contact **Prof. Dr. Birgit Kleinschmit**, ([Birgit.Kleinschmit@TU-Berlin.de](mailto:Birgit.Kleinschmit@TU-Berlin.de)).

Your application should include the following documents which you please submit as a **single pdf**: letter of motivation, CV, reference letter (optional), certificates (PhD, Master, Bachelor), list of publications and link to PhD. Please send your application with the reference number **only by email** to Prof. Dr. Birgit Kleinschmit ([Birgit.Kleinschmit@tu-berlin.de](mailto:Birgit.Kleinschmit@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 TU website: [https://www.abt2-t.tu-berlin.de/menue/themen\\_a\\_z/datenschutzerklaerung/](https://www.abt2-t.tu-berlin.de/menue/themen_a_z/datenschutzerklaerung/) oder Direktzugang: 214041 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, FG Geoinformation in der Umweltplanung, Prof. Dr. Birgit Kleinschmit, Sekr. EB5, Straße des 17. Juni 145, 10623 Berlin.**

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

