

Faculty of Environmental Sciences

in the **Department of Geosciences**, the **Institute of Photogrammetry and Remote Sensing**, offers from **July 1, 2021** a position at the **Junior Professorship in Geo-Sensor Systems** as a

Research Associate

(Subject to personal qualification employees are remunerated according to salary group E 13 TV-L)

limited for 3 years with 75% of the fulltime weekly hours. The period of employment is governed by the Fixed Term Research Contracts Act (Wissenschaftszeitvertragsgesetz - WissZeitVG). The position offers the chance to obtain further academic qualification.

Tasks: Support of the Junior Professorship in Geo-Sensor Systems in teaching and research; independent, method-oriented research, with special emphasis on 4D environmental monitoring with geosensors; development and supervision of geosensors in the field; planning and execution of UAV flights; processing and evaluation of multi-temporal geo-datasets, including machine learning methods; integration of spatiotemporally high-resolution data into hydrological and geomorphological process models; supervision of exercises as well as seminars and student theses.

Requirements: university degree in the field of geoinformatics, geodesy, environmental sciences, geography or comparable; experience with the acquisition and processing of 3D data (laser scanning, photogrammetry), with low-cost sensor technology, in the analysis of geo-data in a programming language and with optimization algorithms and machine learning; high team and communication skills; goal-oriented working style; business fluent written and oral expression in German and English.

We offer you: An interesting job in a young and social research group.

For further questions, please contact Jun.-Prof. Dr. Anette Eltner (anette.eltner@tu-dresden.de).

Applications from women are particularly welcome. The same applies to people with disabilities.

Please submit your application (letter of motivation, CV, references, two reference contacts) until

May 25, 2021 (stamped arrival date of the university central mail service applies) preferably via the

TU Dresden SecureMail Portal <https://securemail.tu-dresden.de> by sending it as a single pdf document to anette.eltner@tu-dresden.de or to **TU Dresden, Fakultät**

Umweltwissenschaften, Fachrichtung Geowissenschaften, Institut für Photogrammetrie und Fernerkundung, Juniorprofessur für Geosensorsysteme, Frau Jun.-Prof. Dr. Anette Eltner, Helmholtzstr. 10, 01069 Dresden. Please submit copies only, as your application will not be returned to you. Expenses incurred in attending interviews cannot be reimbursed.

Reference to data protection: Your data protection rights, the purpose for which your data will be processed, as well as further information about data protection is available to you on the website: <https://tu-dresden.de/karriere/datenschutzhinweis>