

TUD Dresden University of Technology, as a University of Excellence, is one of the leading and most dynamic research institutions in the country. Founded in 1828, today it is a globally oriented, regionally anchored top university as it focuses on the grand challenges of the 21st century. It develops innovative solutions for the world's most pressing issues. In research and academic programs, the university unites the natural and engineering sciences with the humanities, social sciences and medicine. This wide range of disciplines is a special feature, facilitating interdisciplinarity and transfer of science to society. As a modern employer, it offers attractive working conditions to all employees in teaching, research, technology and administration. The goal is to promote and develop their individual abilities while empowering everyone to reach their full potential. TUD embodies a university culture that is characterized by cosmopolitanism, mutual appreciation, thriving innovation and active participation. For TUD diversity is an essential feature and a quality criterion of an excellent university. Accordingly, we welcome all applicants who would like to commit themselves, their achievements and productivity to the success of the whole institution.

At the **Faculty of Environmental Sciences, Department of Forest Sciences, Institute of Soil Science and Site Ecology**, the **Chair of Forest Sites and Hydrology** offers a position as

Research Associate / Postdoc in forest hydrology (m/f/x)

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

starting **September 1, 2024**. The position is limited to three years with the option of extension for a maximum of an additional three years. The period of employment is governed by the Fixed Term Research Contracts Act (Wissenschaftszeitvertragsgesetz - WissZeitVG). The position aims at obtaining further academic qualification (usually habilitation).

The Chair of Forest Sites and Hydrology represents the field matter and water cycling in forests. Research focuses on the challenges of global change for establishment, transformation and management of forests linked to matter and water cycles.

Tasks: The aim of this postdoc position is to contribute to **research** focusing on isotope (eco)hydrology in the soil-plant-atmosphere continuum, model-based assessment of matter and water cycles, hydro-climatic extremes (e.g., droughts) and their impacts on forest nutrient and water cycling. Within this research field, the postdoc will further develop their own scientific profile, independently supervise BSc/MSc and PhD students, and apply for third-party funding for their own research projects. **Teaching** obligations comprise e.g., the bachelor and master's "Forest Sciences" programs and the master's program "Tropical Forestry". The ability to teach in German is preferred. Active participation in academic self-administration is expected.

Requirements: university and PhD degree in hydrosciences, (eco)hydro(geo)logy, forest ecology, geoscience or related fields; preferably with some postdoc experience; proven experience in working in diverse, international teams, scientific publishing, and presenting at international conferences; excellent skills in field and lab research with regard to the chair's expertise (e.g., isotope (eco)hydrology and/or isotope geochemistry), interest or experience in (eco)hydrological modelling; knowledge of German is mandatory. A driver's license is mandatory.

We offer: an inspiring, international working environment with state-of-the-art (soil) hydrological and isotopic analytical tools; attractive working conditions and opportunities for further professional development at TUD; flexible working hours and the possibility to combine family and career.

For questions, please get in touch with Prof. Dr. Natalie Orlowski (natalie.orkowski@tu-dresden.de).

TUD strives to employ more women in academia and research. We therefore expressly encourage women to apply. The University is a certified family-friendly university and offers a Dual Career Service. We welcome applications from candidates with disabilities. If multiple candidates prove to be equally qualified, those with disabilities or with equivalent status pursuant to the German Social Code IX (SGB IX) will receive priority for employment.

Please submit your detailed application (incl. cover letter, CV, publication list, certificates, diplomas, and the names and contact details of at least two references) by **July 1, 2024** (stamped arrival date of the university central mail service or the time stamp on the email server of TUD applies) to: **TU Dresden, Fakultät für Umweltwissenschaften, Fachrichtung Forstwissenschaften, Institut für Bodenkunde und Standortslehre, Professur für Waldstandorte und Wasserhaushalt, Prof. Dr. Natalie Orlowski, Helmholtzstr. 10, 01069 Dresden, Germany** or via the TUD SecureMail Portal <https://securemail.tu-dresden.de> by sending it as a single pdf file to birgit.ziegelmaye@tu-dresden.de. 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>.