

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 Hydrosiences**, the **Institute of Water Chemistry** offers a position within a project funded by the European Regional Development Fund (ERDF/Interreg Poland-Saxony) as

Research Associate (m/f/x)

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

starting **January 1, 2026**. The position is limited until December 31, 2027 with 50% of the full-time weekly hours. The period of employment is governed by the Fixed Term Research Contracts Act (Wissenschaftszeitvertragsgesetz – WissZeitVG). Further academic qualifications are desirable.

The Interreg project „CRossWATER: Cross-border groundwater management for a climate-resilient water supply of the European City Görlitz-Zgorzelec / Transgraniczne zarządzanie wodami podziemnymi na potrzeby odpornego na zmiany klimatu zaopatrzenia w wodę europejskiego miasta Görlitz-Zgorzelec“ aims to develop strategies and adaptation measures to strengthen the resilience of drinking water supplies in the affected region for the future, based on laboratory analyses, field investigations and numerical modelling.

Tasks: We are looking for a highly motivated researcher to join our sub-project at the Institute of Water Chemistry, which focuses on systematic investigations into the entry paths and environmental behavior of organic micropollutants in the catchment area. Your tasks will include the development, validation and application of suitable target and non-target LC/MS methods for characterizing the entry and degradation pathways of relevant organic micropollutants in the catchment area, the design, implementation and evaluation of monitoring campaigns, and the planning and analytical support of laboratory experiments on the degradation and mobility behavior of relevant micropollutants during underground passage. In addition, you will support project-related bachelor's and master's theses, present your results at international conferences, and prepare research reports and scientific publications.

Requirements:

- university degree (Master/Diploma) in chemistry, environmental sciences or related disciplines with good or very good grades
- high level of commitment and interest in scientific work
- very good written and spoken English skills are mandatory
- demonstrated ability to work both independently and as part of an interdisciplinary team, and the ability to think critically across disciplines.
- advanced knowledge of water analytical methods and the environmental behavior of chemicals is desirable

We offer:

- an interesting, challenging, meaningful and welfare-orientated job in a qualified, open-minded and committed team
- comprehensive academic supervision
- personal and professional development opportunities, including internal TU training programs
- a job ticket
- 30 days holiday per calendar year based on a five-day-week (based on a 5-day-week)
- supplementary pension scheme with the Versorgungsanstalt des Bundes und der Länder (VBL)

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. 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 with the usual documents by **November 12, 2025** (stamped arrival date of the university central mail service or the time stamp on the email server of TUD applies), preferably via the TUD SecureMail Portal <https://securemail.tu-dresden.de> by sending it as a single pdf file to wasserchemie@mailbox.tu-dresden.de or to:

TU Dresden, Institut für Wasserchemie, Herrn Prof. Dr. Stefan Stolte, Helmholtzstr. 10, 01069 Dresden, Germany.

Please submit copies only, as your application will not be returned to you. Expenses incurred in attending interviews cannot be reimbursed.

TUD is a founding partner in the DRESDEN-
concept alliance.

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concept



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>.