

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 Civil Engineering**, the **Institute of Hydraulic Engineering and Technical Hydromechanics** invites applications for the

Chair (W2) of Environmental Fluid Dynamics and Modeling

to be filled on **October 1, 2025**.

The position holder (m/f/x) shall represent the scientific fields of Technical Hydromechanics in application to civil and environmental engineering in research and teaching. Your teaching duties primarily cover the diploma study program in Civil Engineering in direct and distance learning as well as the master's program in Hydro Science and Engineering. They cover the contents of the chair according to the current study regulations of the Faculty of Civil Engineering as well as the fundamentals of hydromechanics as well as special hydrodynamic processes, pipe and channel hydraulics as well as numerical methods in hydrodynamics, computer-aided water modeling, modeling of transport processes in water bodies and programming in hydroinformatics. We expect that you will acquire third party funds from federal (DFG, BMBF, etc.) or EU funding as well as your willingness to cooperate with other chairs of Faculty of Civil Engineering and other faculties of TU Dresden. Cooperation with non-university research institutions in the vicinity of TU Dresden is desired. Your participation in academic self-administration as well as your willingness to teach in English are required.

We expect theoretical and long-term practical experience related to the scientific fields of Technical Hydromechanics. In the field of research, you are able to prove the ability to conduct academic research, preferably by means of through appropriate publication activity. Basic research experience in the field of ecohydraulics, is an advantage. In addition to the general civil service requirements, applicants must fulfill the recruitment requirements of § 59 of the Law on Universities in the Free State of Saxony (SächsHSG).

For further questions regarding the call for applications, please contact the chairman of the appointment committee, Prof. Dr.-Ing. Jürgen Stamm, phone +49 351 463-34397, email dekanat.biw@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. If you have any questions about these topics, please contact the Equal Opportunities Officer of the Faculty of Civil Engineering (Dr.-Ing. Sabine Damme-Lugenheim, phone +49 351 463-32023) or the Representative of Employees with Disabilities (Mr. Roberto Lemmrich, phone +49 351 463-33175).

Please submit your application with a curriculum vitae in table form, a description of your scientific career, a list of scientific papers, publications and third-party funded projects, a list of previous teaching activities including the results of the teaching evaluation (preferably of the last three years), a teaching and research concept (only upon invitation) and the certified certificate of the highest academic degree by **July 17, 2024** (stamped arrival date of the university central mail service or the time stamp on the email server of TUD applies), preferably via the TU Dresden SecureMail Portal <https://securemail.tu-dresden.de> by sending it as a single pdf document to dekanat.biw@tu-dresden.de or to: **TU Dresden, Fakultät Bauingenieurwesen, Vorsitzender der Berufungskommission, Herrn Prof. Dr.-Ing. Jürgen Stamm, Helmholtzstr. 10, 01069 Dresden, Germany.**

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>.