The Faculty of Environmental Sciences, Department of Hydro Sciences and the Helmholtz Centre for Environmental Research GmbH (UFZ) seek to fill the Chair (W3) of Data Analytics in Hydro Sciences associated with the position as senior scientist at UFZ in a joint appointment procedure at the earliest possible date. The place of work is Leipzig.

The chair is part of the new thematic focus “Smart Water Systems in an Extreme World” of the Center for Advanced Water Research (CAWR), which brings together water competencies at TU Dresden and UFZ. Research of the chair is expected to focus on the development and application of data science methods to investigate climate extremes as well as associated hazards and their impacts on ecosystem functions. You will actively participate in the bachelor, master and Ph.D. programs of the Faculty of Environmental Sciences at TU Dresden with a teaching obligation of at least two academic hours per week (according to the “Jülicher Modell”). Your responsibilities also include contributing to the cooperation with partners in science, politics, and the private sector, as well as active initiation of related projects in the future. Your duties furthermore include active participation in academic self-administration. The chair is combined with the position of leading a working group at UFZ in the Research Unit “Smart Models and Monitoring”.

We are seeking you as a personality with an excellent publication record and international networks, teaching experience, a proven ability to attract third-party funding and to cooperate within an inter- and transdisciplinary environment. You should focus on fundamental research and should document your ability to acquire DFG funding or similar. We are looking for you as an outstanding international researcher in the field of “Data Analytics in Hydro Sciences” who will complement and strengthen existing research priorities in the emerging field of hydro sciences both at UFZ and TU Dresden. In addition to a special aptitude for scientific work, we assume outstanding didactic skills. Applicants must fulfill the employment qualification requirements of § 58 of the Act on the Autonomy of Institutions of Higher Education in the Free State of Saxony (SächsHSFG).

For further scientific questions, please contact the head of the joint appointment committee, Prof. Dr. Hans-Gerd Maas (phone +49 351 463-32859, email hans-gerd.maas@tu-dresden.de) or the head of the Research Unit “Smart Models and Monitoring” at UFZ, Prof. Dr. Sabine Attinger (phone +49 341 235 1253, email: tbl-modmon@ufz.de)

TU Dresden and UFZ seek to employ more female professors and expressly encourage women to apply. Applications from candidates with disabilities or those requiring additional support are very welcome. The University is a certified family-friendly university and offers a Dual Career Service. If you have any questions about these topics, please contact the Equal Opportunities Officer of the Faculty of Environmental Sciences (Ms Prof. Doris Krabel, Phone +49 351 463-31857) or of UFZ (Dr. Ines Thronicker, Phone +49 341 235-482243) and the Representative of Employees with Disabilities of TU Dresden (Mr. Roberto Lemmrich, Phone +49 351 463-33175) or of UFZ (Mr. Hans Dieter Kasperidus, Phone +49 341 235-1725).
Please submit your application, including CV, description of your scientific career, lists of publications, third-party funding received, teaching activities and teaching evaluation results of the last three years, description of future research and teaching concept, copies of the 5 most important publications as well as a certified copy of your highest academic degree as hard copy to TU Dresden, Dekan der Fakultät Umweltwissenschaften, Herrn Prof. Dr. habil. Hans-Gerd Maas, Helmholtzstr. 10, 01069 Dresden, Germany and in electronic form via the TU Dresden SecureMail Portal https://securemail.tu-dresden.de by sending it as a single PDF-document to dekanat.uw@tu-dresden.de.

Application deadline is December 9, 2021 (stamped arrival date of the university central mail service applies). Your application will be made available to the responsible committees of TU Dresden and UFZ. The joint appointment committee consists of representatives of TU Dresden and UFZ.

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