Faculty of Environmental Sciences

At the Department of Hydro Sciences, Institute of Hydrobiology the Chair of Limnology offers, subject to resources being available, within the framework of a BMBF project a fixed-term project position as

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

The position starts at the earliest possible date and is initially limited until the end of the project, the 31.01.2023. The period of employment is governed by § 2 (2) Fixed Term Research Contracts Act (Wissenschaftszeitvertragsgesetz - WissZeitVG).

Tasks: The project focuses on the question of biodiversity against the distribution of antibiotic resistance in the environment. The connection between the biodiversity and antibiotic resisted genes and bacteria with influences on the health of human, animal and environment needs to analyse. It is to determine if urbanisation, intensified agriculture and the global warming affects the development of antibiotic resistances. The aim is to prove if biological diversity is an ecological barrier for the spreading of antibiotic resistances.

Requirements: university degree and PhD in biology, hydrology, medicine or similar fields. The candidate should be well acquainted with molecular and microbiological techniques, in particular with realtime PCR, digital PCR, plasmid analysis and genetic modifications of microorganisms; strong publication record; motivation to perform independent research and the ability to coordinate the scientific efforts within the project with little external supervision; ability to think innovatively and to work as an active member of a team; very good command of German and English for publishing high-quality research. Familiarity with modelling approaches capabilities would be a great plus.

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

The application documents should include a short motivation letter and your CV with the full list of publications. These are to be submitted by 28.01.2020 (stamped arrival date of the university central mail service applies) to: TU Dresden, Fakultät Umweltwissenschaften, Fachrichtung Hydrowissenschaften, Institut für Hydrobiologie, Professur für Limnologie (Gewässerökologie), Herrn Prof. Thomas Berendonk, Helmholtzstr. 10, 01069 Dresden or via the TU Dresden SecureMail Portal https://securemail.tu-dresden.de by sending it as a single pdf document to limnology@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