Professor (W3) for Hydraulic Engineering and Water Resources Management

Job description:

This position to be appointed from April 01, 2021 is associated with a membership on the Board of Directors of the Institute for Water and River Basin Management as well as with the management of the Theodor Rehbock River Engineering Laboratory.

Together with your team, you are to represent the wide range of research and academic education in the area of “Hydraulic Engineering and Water Resources Management” and to further develop its research profile by the latest methods and innovative research and development projects. These activities will be based on your excellent didactics skills, and your scientific achievements as documented by relevant publications, as well as your expertise in creatively combining fundamentals and engineering applications. You are to use your sound knowledge and practical experience in the education of students and early-stage researchers. In the area of academic education, you are to represent your discipline in mandatory and elective courses alike, with your teaching work focusing on the Civil Engineering programs (B.Sc./M.Sc.) and the international master's program “Water Science and Engineering.” Moreover, you are expected to cooperate across disciplines in Division IV and at the Department and to be interested in establishing and maintaining a joint research infrastructure with the fields of hydrology, urban water management, hydromechanics, river and floodplains ecology, and geosciences.

Within the framework of your research and project work, you are to use the potential of KIT with its outstanding infrastructure through interdisciplinary collaboration and, in this way, to set your priorities. This will open up opportunities to develop topics using the latest theoretical and experimental approaches and to apply these approaches to managing current challenges in hydraulic engineering and water resources management. The KIT Climate and Environment Center, the KIT Energy Center, and extra-university research institutions provide highly suited platforms for this purpose.

Qualification:

Participation in academic self-administration is part of the self-conception of KIT’s teaching staff as is the acquisition of third-party funding to strengthen research and innovation. Candidates should have a habilitation degree or an equivalent qualification that may also have been acquired outside of the university as well as proven didactic skills and teaching experience. The conditions for appointment pursuant to § 47 LHG apply.

Institute:

Division IV – Natural and Built Environment, KIT Department of Civil Engineering, Geo- and Environment Sciences, Institute for Water and River Basin Management (IWG)
Contract duration: permanent
Starting date: April 01, 2021
Application up to: September 30, 2019

Application:
Kindly send your application, including the usual documents, with the five most important publications being indicated, in written and electronic form to Karlsruher Institut für Technologie (KIT), Dekan der KIT-Fakultät für Bauingenieur-, Geo- und Umweltwissenschaften (Dean of the KIT Department of Civil Engineering, Geo- and Environmental Sciences), Professor Dr. Frank Schilling, Kaiserstr. 12, 76131 Karlsruhe, Germany, email: dekanat@bgu.kit.edu. He will be pleased to provide more detailed information.

KIT is an equal opportunity employer. Women are especially encouraged to apply. Applicants with disabilities will be preferentially considered if equally qualified.