

At the Institute of Applied Geosciences, Division of Hydrogeology, we are looking for two

### **PhD students (f/m/d) in Karst Hydrogeology - part time (67%) -**

The employment is limited to three years, at salary grade TV-L E13.

Current research topics of our group include karst hydrogeology, hydrological tracing techniques, groundwater modeling and water-quality monitoring.

The principal goal of the two PhD theses is the quantification of groundwater resources and the development of a hydrogeological conceptual model, as well as the characterization of the highly variable hydrochemical and microbiological water quality in a geologically complex karst aquifer system in the Italian Apennine mountains. The two theses are part of a joint research project on the availability and quality of karst water resources in the Mediterranean area, which is coordinated at KIT and funded in the framework of the „Partnership for Research an Innovation in the Mediterranean Area“ (PRIMA).

**You must have** a completed university degree (M.Sc.) in Applied Geosciences, Hydrogeology, Environmental Natural Sciences, Geoecology or a similar field, and you are interested to work in an international and interdisciplinary project team. The successful applicant has documented competence in hydrogeological field and laboratory work, as well as good knowledge of mathematical-statistical data analysis and modeling. A high motivation for solving problems is required. Candidates should further have the drive for independent thinking and self-learning as well as the ability to work in teams. Furthermore, we expect active contributions to teaching activities and various other tasks and duties at the institute and in the project.

**We offer** an attractive and modern workplace with access to excellent facilities of KIT, diverse and responsible tasks, a wide scope of advanced training options, supplementary pension with the VBL (Pension Authority for Employees in the Public Service Sector), flexible working time models, a job ticket (BW) allowance, and a cafeteria/canteen.

We prefer to balance the number of employees (f/m/d). Therefore, we kindly ask female applicants to apply for this job.

If qualified, severely disabled persons will be preferred.

Please apply online (<http://www.pse.kit.edu/job/1038/2019>) until **August 2<sup>nd</sup>, 2019** using the vacancy number **1038/2019** and reference number **8**. Personnel support is provided by Mrs. Brückner, Personalservice, Karlsruhe Institute of Technology (KIT), Campus Süd, Kaiserstraße 12, 76131 Karlsruhe. For further information please directly contact Prof. Dr. Nico Goldscheider, Tel.: +49(0)721/608-45465.



Further details can be found on our website: [www.kit.edu](http://www.kit.edu).

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