

Fachbereich Geowissenschaften - Institut für Geologische Wissenschaften AG Hydrogeologie

Akademischer Rat/Akademische Rätin / Resaerch Assistant (m/f/d) full-time job unlimited salary grade (Besoldungsgruppe) A13 reference code: Hydro-AkadRat The position can also be filled with a suitable scientific employee in salary grade (Entgeltgruppe) 13 TV-L FU

Bewerbungsende: 19.07.2024

In many regions of the world, groundwater is the quantitatively most important, qualitatively best and safest drinking water resource, and therefore one of the most important georesources in the human-environment system. In the course of climate change and the increasing scarcity of water resources, the importance of groundwater will continue to increase. At the same time, the quality of groundwater is under threat, for example from agriculture, which causes large-scale nitrate and pesticide pollution and can lead to microbial contamination. Pathogenic microorganisms and other pollutants, such as pharmaceuticals, can also enter the groundwater through human wastewater. The hydrogeology working group's current research focuses on aspects of groundwater quality and pollutant fate, transport of dissolved and particulate substances, groundwater ecology and microbial dynamics as well as quantitative hydrogeology.

Job description:

The Akademischer Rat/Akademische Rätin (Postdoc) will occupy an important position within the Hydrogeology working group and will be responsible for the following teaching and research tasks:

- Develop and design good teaching: You will independently conduct or substantially participate in lectures, tutorials and practical courses. You will actively support the development and design of courses and you can introduce innovative teaching methods and technologies to create an engaging learning environment for our students.

This position involves a teaching commitment of 8 SWS per semester, which may be in the area of hydraulic methods, numerical modelling, geodata management or aquatic geochemistry.

- Hydrogeological laboratory: You will operate and maintain the hydrogeological laboratory and the field equipment - this also includes the supervision of laboratory staff, research assistants and students as well as quality management.
- Research and scientific collaboration: You will take part in research projects in the field of hydrogeology and can actively contribute to the development of research focus areas and projects. You will play an important role in project management and accounting.

Requirements:

- University degree and doctorate in hydrogeology or a related discipline

- after completion of the university degree at least three years old scientific or technical practical activity in full-time Employment

If the personal and formal requirements for employment as an Akademischer Rat/Akademische Rätin (Postdoc) are met, permanent employment is possible. If these requirements are not met, employment as a postdoctoral researcher E13 is possible.

(Professional) Experience:

- Several years of experience in hydrogeological research and teaching

Desirable:

- Excellent publication record in international, peer-reviewed journals
- Experience in the development of independent research projects
- Experience in the organisation of scientific events

- Proven above-average knowledge in the analysis of water samples, in particular experience with analytical methods such as fluorimetry, spectroscopy and chromatography or proven knowledge of numerical modelling of flow and transport processes
- Independent way of working
- A high willingness for interdisciplinary work as well as excellent written and spoken German and English skills

For further information, please contact Prof. Dr. Nadine Göppert (nadine.goeppert@fu-berlin.de / +493083861843).

Weitere Informationen

Applications should be sent by e-mail, together with significant documents, indicating the **reference code**, in PDF format (preferably as one document) to Prof. Dr. Nadine Göppert: nadine.goeppert@fu-berlin.de or postal to

Freie Universität Berlin

Fachbereich Geowissenschaften

Institut für Geologische Wissenschaften

AG Hydrogeologie

Frau Prof. Dr. Nadine Göppert

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With an electronic application, you acknowledge that FU Berlin saves and processes your data. FU Berlin cannot guarantee the security of your personal data if you send your application over an unencrypted connection.

Stellenausschreibung vom: 16.06.2024

SCHLAGWÖRTER

Geowissenschaften