

Über die Freie Universität

Fachbereich Geowissenschaften - Institut für Geologische Wissenschaften Hydrogeologie

Research assistant (m/f/d) Hydrogeology with 75% part-time job limited to 4 years salary grade (Entgeltgruppe) 13 TV-L FU reference code: Hydro_DA

Bewerbungsende: 13.10.2025

The doctoral position is based in the Hydrogeology Working Group at the Institute of Geological Sciences (Prof. Dr. Nadine Goeppert) at the FU Berlin. Our research focuses on groundwater quality and pollutant behavior, transport of dissolved and particulate substances, groundwater ecology and microbial dynamics, and quantitative hydrogeology.

Job description:

Methods for improving groundwater recharge in a complex and large aquifer system are in the focus of this project. The main goal is to gain a better understanding of transport processes, particularly with regard to future challenges posed by climate change. This will provide a basis for a better management and protection of this valuable but sensitive karst groundwater resource.

The focus of this work is on the quantitative interpretation of the spatial and temporal dynamics of discharge and selected water constituents. An essential part of the work will be the interpretation of time series from the various measuring points. There is the possibility of completing a PhD. In addition to your research activities, you will also be involved in teaching and supervising bachelor's and master's students.

Requirements:

University degree (MSc) in hydrogeology or an equivalent subject (e.g., geoecology, environmental sciences, water management).

Desirable:

- good background in hydrogeology with experience in geological fieldwork, hydrochemical analysis, and numerical modeling
- confident handling of big data and time series analysis methods
- good analytical and problem-solving skills, good communication skills, and the ability to work independently and as part of a team
- ability to collaborate with partners from other institutions and to carry out hydrogeological field work
- very good written and spoken English level C1
- valid driver's license with documented driving experience

Your application should include the following documents as one PDF: letter of motivation, CV with degree certificates, at least 2 references.

For further information, please contact Prof. Dr. Nadine Goeppert (nadine.goeppert@fu-berlin.de / 030 838 61843).

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 Goeppert: nadine.goeppert@fu-berlin.de or postal to

Freie Universität Berlin

Fachbereich Geowissenschaften

Institut für Geologische Wissenschaften

Hydrogeologie

Frau Prof. Dr. Nadine Goeppert

Malteserstr. 74-100

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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: 21.09.2025

SCHLAGWÖRTER

Geowissenschaften