

Global denken,  
interdisziplinär forschen:  
Leibniz leben!



At the Institute for Fluid Mechanics and Environmental Physics in Civil Engineering (ISU) at the Faculty of Civil Engineering and Geodetic Science, the following position is to be filled as of January 1, 2025:

## Research Associate (m/w/d) within the framework of the project POWERHOUSE efnz (EntgGr. 13 TV-L, 100 %)

The position is limited to 4 years.

### The position

Collaborative research project within the framework of the program "zukunft.niedersachsen" funded by the Volkswagen Foundation (<https://www.volkswagenstiftung.de/en>): "POWERHOUSE efnz" of the Energy Research Center of Lower Saxony, funding project "GEOENERGYSYSTEMS"

As part of the "POWERHOUSE efnz" project of the Energy Research Center of Lower Saxony, a group of 10 doctoral candidates at Leibniz University Hannover, LIAG Institute for Applied Geophysics in Hannover, TU Clausthal, and University of Göttingen will address questions in the context of geoenery systems. The ISU will contribute to the modeling of flow and transport processes in the subsurface in connection with parameter determination and the quantification of uncertainties in the storage of fluids in the subsurface.

### Who are we looking for?

The prerequisite for employment is a completed academic university degree in engineering, applied mathematics or natural sciences. We expect above-average academic performance, good knowledge of flow and transport processes in porous media and numerical methods for solving flow and transport equations, good programming skills and experience, as well as enthusiasm for scientific work and teamwork.

Leibniz University Hannover is committed to equal opportunities and diversity. The goal is to utilize everyone's potential and to open up opportunities. We therefore welcome applications from all interested parties, regardless of their gender, nationality, ethnic origin, religion or belief, disability, age, sexual orientation, or identity.

We aim for an even distribution of employees and a reduction in underrepresentation in accordance with the Lower Saxony Equality Act (NGG). Therefore, we particularly welcome applications for the aforementioned position from women. People with a severe disability will be given preference if they have the same qualifications.

## What do we offer?

We offer an attractive position in an interdisciplinary team and in a highly topical research area. Aiming for a doctoral degree at the end of the project is explicitly encouraged.

We promote family-friendly and flexible working models. Part-time, mobile working, and home office options are available upon agreement. We support the balance between family and career with emergency child care, holiday care offers, and parent-child offices, and provide individual advice on family and care responsibilities.

## Further information

For inquiries, Prof. Insa Neuweiler (Tel.: +49 511 762-3567, Email: [neuweiler@isu.uni-hannover.de](mailto:neuweiler@isu.uni-hannover.de)) will be available from September 9, 2024. Further information about the institute can be found at: <http://www.hydromech.uni-hannover.de>

Please send your application with the usual documents in electronic form to:

Email: [riebling@isu.uni-hannover.de](mailto:riebling@isu.uni-hannover.de)

or alternatively by post to:

**Stiftung Gottfried Wilhelm Leibniz Universität Hannover**  
Institut für Strömungsmechanik und Umweltphysik im Bauwesen  
Prof. Dr. Insa Neuweiler  
Appelstraße 9a, 30167 Hannover

The job posting remains open until the position is filled.

<http://www.uni-hannover.de/jobs>

Information according to Article 13 of the GDPR on the collection of personal data can be found at: <https://www.uni-hannover.de/en/datenschutzhinweis-bewerbungen/>