

Job position 22J027

Are you looking for a position in which you could complete a PhD in a scientifically rich environment, contributing to finding solutions for climate change in the energy sector?

The European Institute for Energy Research EDF-KIT EWIV (EIFER) is looking for a

Research fellow / PhD student (m/f/d)

in Geosciences, who will integrate the Research Group *“Local Multi-Energy Systems”*.

The position is based in Karlsruhe with a duration of initially 2 years **starting as soon as possible**. The salary is based on qualifications and experience according to TV-L (100%).

The European Institute for Energy Research was founded by EDF and the KIT in 2002 aiming at enhancing collaboration through joint projects applied to industrial issues. With its applied research orientation EIFER is bridging the gap between science and industry for more than 20 years. In the context of the European energy transition, EIFER provides research-based innovative energy solutions for the sustainable growth of cities, local communities and industries.

You will be part of a BMBF project team aiming at demonstrating an aquifer thermal energy storage (heat and cold) in Germany. The scientific monitoring of the exploration, the feasibility study as well as the construction and operation of an ATES demonstration plant in Berlin will provide insights that will pave the way for a broader use of ATES in urban context in Germany. Besides leading the joint project EIFER is focusing on thermo-physical subsurface monitoring both before implementation (exploration and preliminary investigations) and during the operation of the ATES. In the project, EIFER is working in close cooperation with different partners especially the Applied Geoscience of the Karlsruhe Institute of Technology.

Your profile

- Master´s degree or equivalent in Natural Sciences or equivalent
- Strong interest in Applied Geoscience, Hydrogeology, Geophysics and/or Physics
- Willingness to carry out fieldwork and interest in monitoring techniques
- Ability to independently develop and perform experimental approaches
- Enthusiasm for scientific writing
- A valid EU driver´s license (B) would be an advantage
- The position requires a strong ability for team work in a multicultural environment
- A very good level in English (both written and spoken) is mandatory
- A good level in German and/or French language would be an asset

What we offer

- The possibility to do a PhD in the frame of the project
- An international environment as well as a pleasant and open working atmosphere
- Flat hierarchies and short decision paths
- Exciting, responsible tasks and cross-team project work

- Modern working conditions with possibility of home-office
- Scientific results to be published in international journals and presented on conferences

Would you also like to advance applied energy research?

We look forward to receiving your electronic application with one single pdf of max. 5MB (including a motivation letter, CV and copies of certificates or testimonials) until **15th December 2022** by e-mail to jobs@eifer.org

To learn more about EIFER, please visit our website at: <http://www.eifer.org>.

For additional information concerning the work please contact: David Eyler (david.eyler@eifer.org)