

Environmental chemist/microbiologist

The Geological Survey of Denmark and Greenland (GEUS)

Three-year Postdoc position

Do you have experience within environmental chemistry/microbiology and do you want to take part in an international project?

Job description

You will be responsible for the development of technologies preventing leaching of organic chemicals as e.g. pesticides and pharmaceuticals during replenishment of groundwater by artificial recharge of aquifers. The research involves the set-up of large-scale column experiments testing methods for stimulation of degradation processes and testing the capacity of different barrier materials to retain organic chemicals. The research also involves fieldwork at artificial recharge facilities in Spain. Furthermore, you are expected to assist in other projects related to remediation of polluted water resources.

You will work with several international partners in the frame of the ACWAPUR projects financed by EU and Innovation Fund Denmark (www.acwapur.eu)

Your qualifications

The appointment will be made on the basis of academic qualifications. Particular emphasis will be attached to the following qualifications:

- PhD degree in environmental chemistry, microbiology or similar.
- Solid laboratory experiences, including hand-on experience with set-up of large-scale experiments as e.g. flow-through columns.
- Experience with sorption and degradation of organic chemicals in the environment.
- Experience with analytical chemistry including analysis of organic chemicals.
- Experience with molecular microbiology and fieldwork is beneficial, but not required.
- Documented research qualifications, ability to work independently and to plan and carry out complicated tasks.
- Good communication skills in English, both written and spoken.

We are searching a highly talented, motivated, and self-driven person who enjoys working with different techniques and within different disciplines.

The candidate must also master English and if they do not speak Danish, they must be prepared to learn Danish to an appropriate level.

The applicant will be employed at the Geological Survey of Denmark and Greenland (GEUS) in Copenhagen, Denmark.

Application

The application must include a letter of motivation, a CV, a list of publications with a separate indication of journal papers that are registered in ISI Web of Science, copies of any individual publications of particular relevance to the position and any contact details of referees (max. 2). PhD diploma, as well as a summary of the PhD or other material that can document qualifications at Postdoc/Research Scientist level.

Submitted PhD theses that have not yet been defended may be sent with the application and will be included in the assessment. The PhD thesis must be approved by the University prior to appointment.

Applications must be submitted via the GEUS on-line submission system (www.geus.dk) no later than **12.00 midday (Danish time), Friday 12 August 2016**. Applications received after the deadline will not be considered.

The appointment procedure

An expert academic assessment committee consisting of two internal senior researchers will make an individual evaluation of applicants' academic qualifications, where candidates are deemed qualified or non-qualified in relation to the position advertised. Then an appointments committee decide which of the qualified candidates they want to call for a job interview. The procedure is in accordance with "Circular on the appointment and assessment of academic staff at the Geological Survey of Denmark and Greenland", Sections 4 and 7.