The Rock-Water Interaction Group at the University of Bern conducts fundamental and applied research into groundwater evolution and quality, disposal of radioactive and toxic wastes, geothermal energy and other geo-resources. Our team of ~25 people deals with a large spectrum of methods, including field sampling, analysis of rocks and ground- and porewaters (chemistry, isotopes, gases), field- and laboratory-experiments, geochemical modelling and other theoretical approaches. We collaborate closely with research partners from academia, industry and public authorities worldwide.

http://www.geo.unibe.ch/research/rockwater_interaction/index_eng.html

To expand our team in the field of hydrogeochemistry and low-temperature geochemistry we are seeking to employ, ideally beginning on 1st February 2021, a

**Research Scientist in Hydrogeochemistry**

**Employment rate: 80-100%, annually renewable, with a long-term perspective.**

**Tasks:**

- Sampling and analysis, critical evaluation, quality assurance and archiving of ground- and porewater data (chemistry, isotopes, gases) and relevant rock data
- Co-management of wet-chemistry laboratory
- Geochemical modelling of rock–water interaction (equilibrium, kinetics, isotopes)
- Collaboration with team members in modelling and interpreting the geochemical evolution of ground- and porewaters in a hydrogeological context
- Writing scientific reports and publications
- Assistance with teaching and supervision of students

**Requirements:**

- Education in Earth-Sciences (PhD, preferably in geochemistry)
- Experience in treatment., modelling (e.g. PhreeqC) and interpretation of hydrochemical data
- Experience in isotope hydrogeology (stable and radiogenic)
- Flair for analytical work
- Basic knowledge of geology, mineralogy and petrography
- Languages: English (oral and written), German (at least ability to read)

**We offer:**

- Employment according to the rules and conditions of the Canton of Bern
- Work space and team work at the Institute of Geological Sciences, interaction with students
- Close collaboration with research partners from academia and industry worldwide
- Modern laboratory infrastructure, analytical instruments and computing systems

Applications containing the usual documentation should be sent in electronic form by 30th November 2020 to: Institute of Geological Sciences, Ms. S. Antenen, Baltzerstrasse 3, 3012 Bern, Switzerland. sarah.antenen@geo.unibe.ch.

Further information: Prof. L. W. Diamond, Tel. +41 (0)31 631 38 81, diamond@geo.unibe.ch.