

We're looking for a motivated person from a technical or scientific background to join the new Applied Geochemistry lab at the University of Freiburg and share our passion for experimental environmental geochemistry and interdisciplinary research.

Laboratory Manager in the Environmental Geochemistry Lab (100%, permanent)

Our group investigates key issues in applied geochemistry, with a focus on pollutant behaviour, groundwater protection, and element cycling. We specialize in investigating the behaviour of inorganic pollutants and nutrients and their interactions with minerals. By integrating biogeochemical, mineralogical, and hydrogeochemical perspectives with cutting-edge analytical techniques, we connect fundamental research with innovative strategies for safeguarding natural resources.

Your role and impact

As a laboratory manager, you will play a key role in the Applied Geochemistry Laboratory, overseeing its establishment, ongoing development, and seamless operation. A core analytical instrument in our laboratory is a new LC-ICP-MS, used for quantifying element species at trace levels. The laboratory infrastructure also includes an IC, AAS, UV/VIS, XRD, TOC, SEM, and a Mössbauer spectrometer. Additionally, you will be responsible for:

- Lab management – Oversee lab maintenance, procurement, and safety to ensure efficient operations.
- Training – Instruct and support staff and students in using equipment and performing experiments.
- Method development – Collaborate with PhDs and postdocs to refine ICP-MS methods and develop technical solutions.
- Research support – Contribute to lab and field projects, including independent sampling and measurements.
- Teaching support – Assist in planning and conducting laboratory and field practicals.

Your profile

You enjoy working in an international environment and are excited to take on a wide range of tasks. With a hands-on attitude, you seek out solutions and have a keen sense for efficiently organizing laboratory processes. You're motivated to help shape a new laboratory and tackle both routine and complex challenges. You also bring:

- At least a bachelor's or university degree (FH) in environmental sciences, geosciences, chemistry or a related field, or a comparable professional qualification.
- Solid theoretical and practical expertise in water or environmental analysis.

- Openness to and enthusiasm for innovative technologies, with a willingness to learn new topics.
- A good understanding of technical and environmental chemistry.
- A careful, reliable, and precise working style.
- Very good knowledge of German and good knowledge of English (at least B2 level).
- Strong teamwork skills and intercultural competence.

Our offer

You can look forward to an exciting and diverse role within an inspiring team that fosters creativity and values open, respectful communication. Additionally, we offer you:

- The chance to actively contribute to the development of our new laboratory.
- Flexible, family-friendly working hours.
- The opportunity to work independently and on your own responsibility while being part of a team.
- A supportive and collaborative work environment that fosters both personal and professional growth.
- Bright and modern office and laboratory spaces in a centrally located, historic building within walking distance of the train station.
- Job ticket, further training and company pension scheme (VBL).

We value diversity and look forward to new perspectives in the team! All applications are welcome - people with disabilities will be given preferential consideration if they have the same qualifications.

Ready to join our team?

We look forward to receiving your application! Please submit your complete application documents - including a letter of motivation, CV, references, and certificates - by **May 11th, 2025**, via the university's application portal at <https://uni-freiburg.de/en/job/00004286/>. Applications should be addressed to:

Prof. Dr. Kerstin Hockmann
Applied Geochemistry
Faculty of Environment and Natural Resources
University of Freiburg
Albertstraße 23b
79104 Freiburg im Breisgau
Germany

The position can start as soon as you are available. **Employment follows University of Freiburg regulations (TV-L E11, 100%)**. The position is permanent.

For any questions, please contact Prof. Kerstin Hockmann. Further information about our research is available through the links at <https://kerstin-hockmann.jimdosite.com/>.