



At the Faculty of Geosciences, Geoengineering and Mining, Institute of Mineralogy, the temporary position of a

Research scientist (PostDoc) (f/m/d) – Position number 244-E/2020

to support the recently established Biogeochemistry working group is available. The Junior professorship of Biogeochemistry is currently building a diverse and inclusive research group. We seek to develop a research program that focusses on the fate of nutrients, greenhouse gases and organic material in the environment.

Salary: E13 TV-L
Compensation: 1,0 VZÄ
Time limit: 24 months with possibility of 12-months prolongation

Tasks: We expect that the candidate actively contributes to all scientific activities of the TUBAFs Biogeochemistry group. Working as a coordinator of research activities, the postdoctoral associate will, depending on expertise: prepare and organize field studies, conduct and coordinate laboratory tasks such as conceiving and running experiments and preparing and analyzing samples, develop new method protocols, interpret results by use of advanced statistical and geo-spatial approaches, produce progress reports and peer-reviewed publications, develop grants for additional funding, present results on conferences and aid in the supervision of student courses and theses.

What we offer:

- A growing and highly dynamic workgroup with excellent regional and international collaboration partners and openness for new approaches and ideas
- Working at a family-friendly university with flexible working hours
- Remuneration according to the provisions of the collective agreement for the public service of the federal states in accordance with the personal requirements
- Attractive fringe benefits, e.g. asset-based benefits (VL), company pension schemes (VBL), health management

Employment requirements:

- PhD in the field of ecology, biology, chemistry, environmental sciences or similar at time of appointment
- Some experience in one or more of the following fields is beneficial, enthusiasm and a willingness to learn is a must, training will be provided as necessary: methods of stream, soil or groundwater biogeochemistry; non-targeted mass spectrometry using orbitrap-MS including sample preparation and analysis of data; maintenance and use of aquatic sensor networks
- familiarity in R-programming language, knowledge of GIS software is beneficial
- A record of high-quality publications
- Excellent work attitude and high personal commitment, initiative, independence, team spirit and experimental skills
- Excellent English is mandatory, German is beneficial

**For further information, please contact Dr. Maximilian Lau, Tel. +49-3731-39 3539,
E-Mail: maximilian.lau@ioez.tu-freiberg.de.**

Applicants (m/f/d) must meet the employment requirements for temporary employment contracts in accordance with the WissZeitVG. Severely disabled applicants or applicants with equivalent qualifications (m/f/d) will be given preferential consideration if they have the same aptitude, performance and skills. For appropriate consideration, please enclose proof of severe disability/equal status with your application documents. The TU Bergakademie Freiberg strives to increase the proportion of women in teaching and research and is therefore particularly interested in applications from qualified women.

Please send your application via E-mail with the usual documents (incl. short description of research interests and possible projects) and the reference number (244-E/2020) by **06.12.2020** to:

**TU Bergakademie Freiberg - Dezernat für Personalangelegenheiten
bewerbungen@tu-freiberg.de**

Interview costs will not be covered. TU Bergakademie Freiberg is further looking for scientific personnel of diverse specialization. For further information: <http://tu-freiberg.de/wirtschaft/karriere/stellenausschreibungen>