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

Research Associate (m/f/d) – reference number 255-E/2022

in a DFG-funded project is available. The project explores the biogeochemical properties of organic carbon in peatlands and lake sediments, integrating modern analytical-chemical methods with laboratory experiments, field work and modeling. The project consortium consists of scientists from UFZ Leipzig, the University of Münster and the Biogeochemistry group of TU Freiberg. The international working group, founded in 2020, conducts research primarily on the environmental dynamics of nutrients, greenhouse gases and carbon. Further information on group and the project can be found at https://tu-freiberg.de/en/fakultaet3/mineralogie/biogeochemistry. Planned project start is February 2023.

Pay grade: according to the German pay group “Entgeltgruppe” 13 TV-L
Hours: 0.65 FTE
Contract type: 36 months

Job description:
We expect that the candidate conducts the research activities in context of the project, including: prepare and organize field studies, conduct and coordinate laboratory tasks such as conceiving and running experiments and preparing and analyzing samples, develop appropriate method protocols, interpret results by use of advanced statistical approaches, interact with project partners, produce progress reports and peer-reviewed publications, present results on conferences.

What you can expect from us:
– a highly dynamic workgroup with excellent regional and international collaboration partners
– working at a family-friendly university with flexible working hours
– attractive fringe benefits, e.g. Asset-based benefits (VL), company pension schemes (VBL), health management, “Job-Ticket”
– a wide range of networking, mentoring and development opportunities
– a focused research programme and a structured training strategy

What we expect from you:
– university diploma or master degree in the field of geoecology, chemistry, applied or environmental sciences or similar
– some experience in in one or more of the following fields is beneficial, enthusiasm: organic-analytical chemistry (incl. mass spectrometry), methods of (aquatic) biogeochemistry; advanced skills in programming language R or python, GIS software
– excellent work attitude and high personal commitment, initiative, team spirit and experimental skills
– Willingness to approach new topics and enthusiasm for scientific (field) work and to further quality
– good English is mandatory, German is beneficial

For further information please contact Jun.-Prof. Dr. Maximilian Lau; phone: +49-3731 39-3539 or e-mail: maximilian.lau@ioez.tu-freiberg.de.

The applicant (m/f/d) must meet the hiring requirements for fixed-term employment contracts according to the WissZeitVG. Applicants with disabilities will receive preferential consideration, provided they possess equal qualifications. For consideration, we ask you to submit proof of your disabled status together with your application documents. TU Bergakademie is committed to increasing the number of women in teaching and research positions, hence qualified female candidates are especially encouraged to apply.

Written applications, including a CV, motivation letter and copies of all relevant qualifications documents (certificates, diplomas) and a summary of the thesis, should be submitted by November 6th, 2022 stating reference number (255-E/2022) to the following address:

TU Bergakademie Freiberg, Dezernat für Personalangelegenheiten, 09596 Freiberg or e-mail: bewerbungen@tu-freiberg.de

Your application documents will not be returned, please only submit copies. TU Bergakademie Freiberg is always looking for scientific personnel from various disciplines. Further information can be found at http://tu-freiberg.de/wirtschaft/karriere/stellenausschreibungen