



At the Faculty of Geosciences, Geoengineering and Mining, Institute of Geology, Group for Tectonics, a position as a



**Research Associate (m/f/d) – reference number 331-E/2022**

is available as of 01.04.2023.

**Pay grade:** according to the German pay group "Entgeltgruppe" 13 TV-L  
**Hours:** 1,0 FTE (part-time is possible)  
**Contract type:** 3 years (an extension after that period is possible)

Our group studies tectonic processes from deep mantle to the surface and from microscopic scale to plate scale. We are a group of scientists with diverse expertise and do fieldwork, various laboratory work and modeling.

**Job description:**

We are looking for an expert in computational thermomechanical modeling who has interest in both, tectonic problems and the development of source code. The hired person is expected to cooperate with other members of the group and to build his/her own research profile. We can offer expertise and cooperation on subjects such as mountain building, subduction of continental lithosphere, plate reconstructions and plate tectonics through time, tectonics on terrestrial planets, mantle convection and phase transitions or seismic signatures of tectonic scenarios. The hired person will contribute to teaching at the Bachelor- and Master level in Earth Science.

**What you can expect from us:**

- 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 program and a structured training strategy

**What we expect from you:**

- university diploma or master degree (PhD, better Postdoc experience) in the area of computational modeling in Earth Science
- a publication record in leading international journals
- the application should show commitment to advancing research and education at our department
- it should include a CV, a research statement about former work and future research plans, a publication list and teaching statement (experience and philosophy)

**For further information please contact Prof. Dr. Thorsten Nagel;  
phone: +49-3731 39-3758 e-mail: [Thorsten.Nagel@geo.tu-freiberg.de](mailto:Thorsten.Nagel@geo.tu-freiberg.de).**

**If you have questions or would like more detailed information. I am looking forward to hearing from you.**

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 **January 31<sup>st</sup>, 2023** stating **reference number (331-E/ 2022)** to the following address:

**TU Bergakademie Freiberg, Dezernat für Personalangelegenheiten, 09596 Freiberg or  
e-mail: [bewerbungen@tu-freiberg.de](mailto: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>