



## Job Announcement

The University of Potsdam was founded in 1991 and has firmly established itself within the scientific landscape and developed into an outstanding economic factor and growth engine for the region. The university excels in acquiring third-party funds, has received multiple teaching awards, has a very service-oriented administration, and has been honored several times for its family-friendly culture. About 20,000 students and 3,000 employees study and work at three campuses – Am Neuen Palais, Griebnitzsee and Golm – at one of Germany's most scenic institutions of higher education.

The **Faculty of Science/Institute of Geosciences/Chair of General Geophysics** at the **University of Potsdam** invites applications for the following position limited to 3 years, to be filled **as soon as possible and no later than November 1, 2026**:

### **Academic Staff Member (f/m/d) Postdoc Position ID no. 381/2025**

The successful candidate will work 40 hours per week (100%). The position is classified within remuneration group 13 of the collective wage agreement among the German federal states ("Tarifvertrag für den öffentlichen Dienst der Länder" – TV-L). The fixed term of employment is in accordance with Section 2 subsection 1 of the German Act on Fixed-Term Employment Contracts in Science and Academia (Wissenschaftszeitvertragsgesetz or WissZeitVG). If necessary, an extension of up to three years is possible if personal and legal requirements are met.

#### **Your Field of Work:**

Our goal in TREMORLOC is an improved characterization of volcanic tremor through advanced cutting-edge techniques to develop a new understanding of the internal dynamics of volcanic eruptions. The project will focus on seismological data from the 2024/15 Holuhraun eruption, Iceland. Tremor will be separated from earthquakes using *Music information retrieval separation*. Based on this data, a tremor location approach using seismic amplitudes and phases will be developed. Finally, tremor source locations will be constrained and compared, and pre-eruptive tremor will be identified and interpreted.

#### **The Scope of Your Responsibilities:**

- Conduct independent code development and testing in Python or similar
- Separate seismological data using *Music information retrieval separation*
- Locate seismic sources
- Publish and maintain code
- Interpret seismological data jointly with volcanological, remote sensing, and modelling data
- Prepare presentations for workshops and conferences
- Prepare and publish manuscripts and reports in peer-reviewed journals
- Collaborate with team members and external partners
- Mentor and support junior researchers and/ or students
- Assist with project management tasks

Further academic qualification (post-doctoral thesis (Habilitation)) is possible. At least one-third of working hours is available for in-depth academic work.

#### **Your Qualifications:**

- Master's and PhD degree or equivalent in seismology or related fields
- Proven research experience e.g. through peer-review publications
- Excellent written and spoken English skills
- Ability to work independently and collaboratively

We are also looking for the following competences:

- Programming skills (preferably in Python)
- Ability to use seismic location techniques and methods
- Background in interdisciplinary research
- Collaboration and project management skills
- Basic knowledge of version control systems (e.g., Git)
- Presentation and communication skills

#### **What We Offer:**

As a university, we combine the strong potential for development of a teaching and research institution with the attractive working conditions of the public sector. The University of Potsdam is a reliable employer that supports its employees with a variety of offers and benefits:

- Make the most of the various continuing education and networking opportunities offered by the University of Potsdam to refine your subject-specific and interdisciplinary competencies for professional as well as personal growth.
- All campuses have good transport connections. You can receive a monthly subsidy for the public transport job ticket and use our campus bicycles.
- Benefit from a company pension scheme, a special annual payment, and capital-forming benefits.
- Take advantage of the various offers from our Occupational Health Management unit as well as the Academic Sports Center.
- To improve employees' work-life balance, the University of Potsdam offers flexible working hours and a defined share of remote working hours (e.g. work from home). You have 30 vacation days per year (with a 5-day week) and are also exempt from work on December 24 and 31. Our Service for Families can advise you on how to better balance work and family life.

You can find more information about working at the University of Potsdam at <https://www.uni-potsdam.de/en/arbeiten-an-der-up/employer-up/overview>

For further information about this position, please contact Prof. Eva Eibl by e-mail: [eva.eibl@uni-potsdam.de](mailto:eva.eibl@uni-potsdam.de) or telephone: 0331/ 977 - 203102

#### **Your Application:**

Please send us your application including the **ID no. 381/2025** by **March 01, 2026**, preferably by email to [eva.eibl@uni-potsdam.de](mailto:eva.eibl@uni-potsdam.de).

If you completed higher education qualifications outside the EU, please submit a German translation and [the assessment of the Central Office for Foreign Education \(Zentralstelle für ausländisches Bildungswesen – ZAB\)](#) . Alternatively, please send us a PDF file from the database for the [recognition and assessment of foreign higher education certificates \(ANABIN\)](#).

The University of Potsdam values the diversity of its community and pursues the goals of equal opportunity regardless of gender, nationality, ethnic and social origin, religion/belief, disability, age, and sexual orientation and identity. Applications from abroad and from persons with a migration background are expressly encouraged. The university strives for a balanced gender ratio in all employment groups; in areas where women are underrepresented, women are given preference in case of equal suitability (Section 7 paragraph 4 of the Brandenburg Higher Education Act). People with disabilities are given preferential consideration in case of equal suitability. In aptitude tests and selection interviews, individual compensation measures for disadvantages are granted, taking the specific disability into consideration. If a person with a disability would like to make use of individual compensation measures, please state this in the application letter.

Potsdam, January 5, 2026