



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 22,000 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 **University of Potsdam, Faculty of Science, Institute of Geosciences** invites applications for the following position limited to **three years**, to be filled **as soon as possible**:

Academic Staff Member (f/m/d) **PhD Position** **Requisition No.: 370/2024**

and the position is funded for three years. The successful candidate will work 40 hours per week (100 %).

The PhD position “Topographic signatures of mass movements in the Central Andes and Corinth Rift” is available from October 01, 2024 within the framework of the EU-funded Marie Skłodowska-Curie Doctoral Network for Climate-Tectonics Interactions using Big Data informed Models (INITIATE, <https://www.initiate-dn.eu/>). The salary is competitive and determined by the EU living allowance (approx. 40.000 € annual salary in Germany) plus an additional mobility allowance and family allowance if applicable. This is a temporary position for three years. The fixed term of employment is in accordance with Section 2 subsection 2 of the German Act on Fixed-Term Employment Contracts in Science and Academia (Wissenschaftszeitvertragsgesetz or WissZeitVG).

The goal of the project is to enhance our understanding of unstable hillslopes and slow-moving landslides in tectonically active regions and areas experiencing climatic changes. The Eastern Cordillera in northwestern Argentina and the Gulf of Corinth are excellent natural laboratories with several decades of airphoto, UAV, high-resolution satellite imageries, and GNSS timeseries. This project will further develop methods to detect and measure rates of mass movements using GNSS data, offset tracking from satellite imagery or radar interferometry, and machine learning techniques.

Your Qualifications:

The applicant should hold a Master's degree (or equivalent) in geosciences, physics, physical geography, or computer science and have a strong interest in computer-vision methods and time-series analysis. Experience with remote-sensing data, GNSS data, image analysis, and geomorphologic processes will be ideal. Proficiency in English is necessary and German-language knowledge will help, but is not a requirement.

Importantly, the applicant should meet the following EU-defined eligibility criteria: (1) All researchers recruited in a Doctoral Network must be Early-Stage Researchers (ESRs; i.e., be in the first four years (full-time equivalent research experience) of their research careers and

have not been awarded a doctoral degree); (2) Researchers can be of any nationality; (3) Mobility Rule: at the time of recruitment by the host organisation, researchers must not have resided or carried out their main activity (work, studies, etc.) in the country of their host organisation (in this case: Germany) for more than 12 months in the 3 years immediately prior to the hiring date. Compulsory national service and/or short stays such as holidays are not taken into account. The mobility rule is only determined at the time of the fellow's first recruitment in the project.

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.

For further information about this position, please contact Prof. Bodo Bookhagen by e-mail: bookhage@uni-potsdam.de.

The application should include (use templates on <https://www.initiate-dn.eu/projects.html>): (1) a research statement detailing your background and motivation; (2) mobility declaration including documentation; (3) names and contact information of two referees; (4) a curriculum vitae including publication list; (4) academic credentials and transcripts. Please send us your application including the **ID no. 370/2024** by **November 30, 2024** by email to Prof. Bodo Bookhagen: bookhage@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, November 11, 2024