



# UNIVERSITÄT LEIPZIG

Reference number: 98/2023

## **Research assistant (m/f/d)**

Founded in 1409, Leipzig University is one of Germany's largest universities and a leader in research and medical training. With around 30,000 students and more than 5000 members of staff across 14 faculties, it is at the heart of the vibrant and outward-looking city of Leipzig. Leipzig University offers an innovative and international working environment as well as an exciting range of career opportunities in research, teaching, knowledge and technology transfer, infrastructure and administration.

The Institute for Geography at the Faculty of Physics and Earth Sciences seeks to fill the above position at the earliest opportunity.

The research assistant position is embedded in the research project "Local pathways to the Fluvial Anthroposphere at Echaz (Rhine) and Eger (Danube). A comparative analysis from c. AD 1100 to 1800" in the context of the newly established **Priority Programme 2361 "On the Way to the Fluvial Anthroposphere"**. The position will be funded by the German Research Foundation (DFG) for a total period of 36 months and involves a PhD project. Floodplains in Central Europe are subject to massive human influences, which already led to significant ecological changes in the pre-industrial era. The main goal of the doctoral project is a comparative reconstruction of the impact of urban craft and waste disposal on pre-industrial floodplain pollution. For this purpose, fluvial geomorphological field surveys will be conducted and granulometric, geochemical, environmental and geochronological parameters and provenance tracers from fluvial sediment archives are to be analysed, evaluated and published within an interdisciplinary and international team.

### **About the position**

- Fixed term of 3 years
- 65 % of a full-time position
- Planned remuneration: salary group 13 TV-L

### **Duties**

- Participation in geophysical and geomorphological field work and in the floodplain drilling programmes within the Echaz and Eger river systems of southern Germany
- Sediment sampling, physicochemical, and geochronological analyses
- Interpretation of geophysical and drilling transects, the building up of floodplain chronostratigraphies and of the geochemical pollution footprint in both study regions
- Data management, data storage and data processing
- Uni-, bi- and multivariate statistical analyses
- Conducting multi-proxy analyses
- Publication and presentation of data
- Working within an international research team
- Project management and organisation

### **Requirements**

- Scientific higher education (e.g. master's degree) in one of the following disciplines: physical geography, geosciences, soil science, geoarchaeology, palaeogeography or a related discipline
- Knowledge of physicochemical soil/sediment analysis (field and laboratory)
- Knowledge of multi-proxy approaches and multivariate statistics
- Knowledge of GIS applications
- Knowledge and interest in ecotoxicological and isotopic (Nd, Sr and Pb) parameters would be an advantage
- Knowledge of geomorphological and geoarchaeological field methods and geochronological analyses would be an advantage
- Willingness to work in an interdisciplinary research team
- Very good English skills, German would be an advantage
- Driving licence

### **What we offer**

- A modern workplace and attractive working conditions (mobile working)
- Flexible working hours and work-life balance
- Goal-oriented staff development throughout your working life, with opportunities for continuing professional development
- Pension plan
- Commuter pass for the MDV network

Please send your application with the usual documents (CV with certificates and description of your qualifications), quoting **reference number 98/2023**, to: **Leipzig University, Dean of the Faculty of Physics and Earth Sciences, Professor Marius Grundmann, Linnéstraße 5, 04103 Leipzig, Germany** by 21 April 2023. You are also welcome to email your application as a single PDF file to **dekan@physik.uni-leipzig.de**. Please note that it is not possible to guarantee confidentiality and rule out unauthorised access by third parties when communicating by unencrypted email.

We kindly request that you submit copies only, as we are unable to return application documents. Interview expenses will not be reimbursed.

Leipzig University aims to increase the proportion of women in positions of responsibility and therefore expressly invites qualified women to apply. Severely disabled persons – or persons deemed legally equal to them under Book IX of the German Social Code – are encouraged to apply and will be given preference in the case of equal suitability.

Please contact the project leader Professor Christoph Zielhofer (zielhofer@uni-leipzig.de) with any questions regarding the position.

### ***Privacy information***

*If you choose to apply and send us your documents, you do so voluntarily. Any personal data contained within your application documents, or obtained during an interview, will be processed by Leipzig University – as the advertiser of the position – exclusively for the purposes of the selection process for the position advertised. It will not be passed on to third parties without your consent in the individual case. The legal basis for such data processing is Sect. 11 (1) of the Saxon Data Protection Implementation Act (SächsDSDG) in conjunction with the EU General Data Protection Regulation (GDPR). The controller for the application process within the meaning of the GDPR is the addressee of the application, specified in the advertisement. Your personal data will be stored for six months after the end of the recruitment process and then erased or destroyed in accordance with data protection regulations. You may refuse or withdraw your consent with effect for the future without giving reasons. In these cases, Leipzig University will not or no longer be able to process and consider your application. Under the GDPR, subject to the relevant statutory requirements you have the following rights vis-à-vis the addressee of the application with regard to your personal data: right of access (Art. 15 GDPR); right to rectification of inaccurate personal data (Art. 16 GDPR); right to erasure (Art. 17 GDPR); right to restriction of processing (Art. 18 GDPR); and right to object to processing (Art. 21 GDPR). If you have any questions, please contact the Data Protection Officer at Leipzig University (office: Augustusplatz 10, 04109 Leipzig). You also have the right to lodge a complaint with the Saxon Commissioner for Data Protection.*