

Faculty of Mathematics and Natural Sciences

Academic Assistant (f/m/d) on Modeling Earth Surface Processes

Institute of Geography | Group for Geomorphology & Geochronology

The University of Cologne is one of the largest and most research-intensive universities in Germany, offering a wide range of subjects. With its six faculties and its interfaculty centres, it offers a broad spectrum of scientific disciplines and internationally outstanding profile areas, supported by the administration with its services.

The Geomorphology & Geochronology chair group focuses on how physical, biological, and anthropogenic processes shape the outer skin of our planet. To expand our team, we seek for a talented candidate with in-depth knowledge of (soil-) landscape evolution across different spatial and temporal scales. You will get the unique opportunity to use field, laboratory, and geochronological data to test and develop new numerical modeling tools and to establish a geomorphic software laboratory. Although this position is primarily located at the chair group for geomorphology & geochronology (Prof. Reimann) the combination with other chronometric techniques such as cosmogenic nuclides is possible within the department and highly encouraged. We expect the candidate to establish strong research links to other disciplines within the Department of Geosciences.

YOUR TASKS

- » Integrating field and geochronological data to establish rates of Earth Surface Processes (incl. uncertainties)
- » Setting up a geomorphological software laboratory
- » Initiating applications for research grants
- » Publication of results in international peer reviewed journals
- » Bridging across disciplines within Geosciences Department
- » Building a strong teaching profile in Physical Geography

YOUR PROFILE

- » Degree in Geosciences (preferably associated with Geomorphology)
- » Affinity with numerical modeling Earth Surface Processes
- » Affinity with programming software codes, preferably in "R"
- » Strong academic track record
- » Affinity with teaching
- » Very good communication skills in English (oral & written)
- » Willingness to learn a proficient level of German in 2 years

WE OFFER YOU

- » Opportunity for academic qualification (e.g. habilitation)
- » a diverse and fair working environment
- » support in reconciling work and family life
- » flexible working time models
- » extensive advanced training opportunities
- » occupational health management offers
- » local transport ticket at a discount for UoC employees

The position is available from the 01.10.2020 on a full-time basis. It is initially limited to a term of 6 years with tenure option. If the applicant meets the relevant wage requirements and personal qualifications, the salary is based on remuneration group 13 TV-L of the pay scale for the German public sector.

The University of Cologne is committed to equal opportunities and diversity. Women are especially encouraged to apply and will be considered preferentially in accordance with the Equal Opportunities Act of North Rhine-Westphalia (Landesgleichstellungsgesetz – LGG NRW). We also expressly welcome applications from people with disabilities / special needs or of equal status.

Please apply online at: <https://jobportal.uni-koeln.de> with proof of the sought qualifications. The reference number is Wiss2007-01. The application deadline is 15.08.2020.

If you have questions regarding the position do not hesitate to contact: t.reimann@uni-koeln.de.