

The Department of Landscape, Water and Infrastructure, Institute of Mountain Risk Engineering is currently seeking a

Postgraduate or Postdoctoral Research Associate

project employment

(Reference code 21)

Extent of employment: 30 hours per week

Duration of employment: 1st of April 2025, limited to 31st of March 2028

Allocation in compliance with the Collective Agreement for University Staff to job group:

B1 or B1 lit. b

Gross monthly salary: (depending on previous eligible experience) at least: without doctorate B1 (30 h/week) € 2.786,10, with doctorate B1 lit. b (30 h/week) € 3.699,70 (payable 14 times per year)

Responsibilities

- Implementation of constitutive flow resistance relations specific for debris-flows
- Developing specific debris-flow modules (options of input hydrograph and erosion)
- Processing and analyzing monitoring data to constrain input parameters
- Close interaction with collaboration partners of the project
- Support of project management
- Writing scientific publications

Required skills and qualifications

- Diploma degree in Engineering, Physics, Mathematics, Informatics, Earth Sciences or other equivalent university degree
- Language skills: English
- Background in hydraulics
- Programming skills (ideally R and Python)
- Open source development / GIT Project experience
- Ability to work in a team and independently
- Motivation and the enthusiasm for scientific work

Desirable skills and qualifications

- Doctorate degree / PhD
- Background/interest in geomorphology, gravitational mass flows, earth science
- Good presentation skills, stress resilience, creativity and reliability

Applications can be submitted until: 21st of February 2025

University of Natural Resources and Life Sciences Vienna seeks to increase the number of its female faculty and staff members. Therefore, qualified women are strongly encouraged to apply. In case of equal qualification, female candidates will be given preference unless reasons specific to an individual male candidate tilt the balance in his favour.

People with disabilities and appropriate qualifications are specifically encouraged to apply.

Please send your job application incl.

- Motivation letter
- CV
- Scan of degrees and certificates
- Send as a single pdf-file (< 5 MB)

to E-Mail: ian@boku.ac.at, **Reference Code “DebrisFrame”**.

We regret that we cannot reimburse applicants travel and lodging expenses incurred as part of the selection and hiring process.

www.boku.ac.at