

The Department of Water, Atmosphere and Environment, Institute of Hydraulic Engineering and River Research is currently seeking a

Postdoctoral or Postgraduate Research Associate

Project employment

(Reference code: 40)

Extent of employment: 40 hours per week
Duration of employment: 1st of April 2022, limited to 31st of March 2024

Workplace: Christian-Doppler-Laboratory for Sediment Research and Management, new Hydraulic Engineering Laboratory BOKU University

Gross monthly salary and pay grade in terms of collective agreement for university staff (payable 14 times per year): with doctorate: B1 lit. b, € 4.061,50 / without doctorate: B1, € 3.058,60

Responsibilities

- ❁ Planning and Implementation of (large) scale experiments in the Hydraulic Engineering Laboratory including scientific, experimental and measuring design
- ❁ Scientific investigations in the field of sediment transport and river morphology, hydraulic engineering, hydropower
- ❁ Further development and extension of a test rig for sediment initiation and transport
- ❁ Assistance or Establishment of existing PIV and LDV equipment in the new lab
- ❁ Publication of the findings in international scientific journals and presentation at national/international conferences

Required skills and qualifications

- ❁ Doctoral degree/PhD in Civil Engineering, Environmental Engineering or related university degrees
- ❁ Diploma degree in Civil Engineering, Environmental Engineering or other equivalent university degree
- ❁ Excellent knowledge and experience in planning and implementing hydraulic scale models
- ❁ Strong background in hydraulic engineering and sediment transport
- ❁ Advanced knowledge of PIV and LDV measurements
- ❁ Very good knowledge in measurement and test engineering
- ❁ Strong desire for being at the cutting edge of science

Desirable skills and qualifications

- ❁ Experience in project management and in collaboration with workshops teams
- ❁ Very good English language skills
- ❁ Interest and enthusiasm to work in a team
- ❁ Strong interest to earn a PhD degree (as a graduate) or to further shape your scientific profile (as a postgraduate)

Applications can be submitted until: 14th of March 2022

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

to Personnel department, University of Natural Resources and Life Sciences, Peter-Jordan-Straße 70, 1190 Vienna; E-Mail: kerstin.buchmueller@boku.ac.at. (**Reference code: 40**)

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

www.boku.ac.at