

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

## **Postdoctoral Research Associate (Senior Scientist)**

(Reference code: 131)

**Extent of employment:** 20 hours per week  
(with the option of permanent increase to 40 h/week through third-party)

**Duration of employment:** permanent

**Workplace:** 1200 Vienna, Am Brigittenauer Sporn 3 (BOKU River Lab)

Gross monthly salary and pay grade in terms of collective agreement for university staff (payable 14 times per year) (for 20 h/week): B1 lit. b, € 2.176,00

### **Responsibilities**

- Research driven development of innovative measurement technology and measurement data acquisition (e.g. Arduino), rapid prototyping, also as a service for researchers in the lab
- Research and development of measuring technology for Danube water operation of the BOKU River Lab (in particular for the 10m<sup>3</sup>/s channel) and clear water cycle
- Scientific supervision of scientific infrastructure such as large and small hydraulic flumes
- Planning and Implementation of (large) scale experiments including scientific, experimental and measuring design
- Scientific investigations in the field of hydraulic engineering, sediment transport and river research
- Publication of the results in international journals and presentation at national/international conferences

### **Required skills and qualifications**

- Doctoral degree/PhD or completion of the doctorate within one year in Civil Engineering, Environmental Engineering or related university degrees
- Knowledge of German and very good knowledge of English
- Excellent knowledge and experience in planning and implementing hydraulic scale models, in particular large scale models on research topics of the Institute
- Advanced knowledge of measurement and test engineering
- Very good knowledge of PIV and LDV measurements

### **Desirable skills and qualifications**

- Experience in project management and in collaboration with workshops teams
- Interest and enthusiasm to work in a team
- Strong desire for being at the cutting edge of science

Applications can be submitted until: 20<sup>th</sup> of July 2023

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 Management, University of Natural Resources and Life Sciences, Peter-Jordan-Straße 70,  
1190 Vienna; E-Mail: [kerstin.buchmueller@boku.ac.at](mailto:kerstin.buchmueller@boku.ac.at). **(Reference code: 131)**

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

**[www.boku.ac.at](http://www.boku.ac.at)**