

The Department of Water, Atmosphere and Environment, Institute of Hydraulic Engineering and River Research wishes to fill a **career position in compliance with § 99 (5) UG (tenure-track) in the field of**

## **Hydraulic Engineering and River Research with a focus on Environmental Fluid Dynamics**

Working time: 40 hours a week

Term of the employment relationship: 1<sup>st</sup> of March 2023, limited to a period of 6 years

Workplace: Vienna

Allocation in compliance with the Collective Agreement for University Staff to job group: B1 lit. b

Gross monthly salary (depending on previous eligible experience) at least: € 4,061.50 (14x a year, in addition we also offer an attractive career development programme and an extensive range of social benefits)

### **Target group**

§99 (5) positions offer academics with high potential and the relevant achievements the opportunity of an academic carrier ranging from a postdoc position to that of assistant professor and on to associated professor. The position of associated professor can be achieved at the latest six years after the appointment. §99 (5) positions are aimed at academics with a doctorate/PhD degree, with high potential, who are close to or have already successfully completed a habilitation. Experience at other universities or research institutes abroad is expressly welcome.

### **Tasks and focus areas**

- Research in the field of Hydraulic Engineering and River Research with a focus on Environmental Fluid Dynamics
- Investigations of turbulence, flow-organism interactions
- Analysis of the behaviour of particles like microplastics and other pollutants in the flow
- Research of fluid dynamics in porous media flow (e.g. river bed)
- Teaching and supervision or co-supervision of final papers within the scope of legal possibilities
- Transfer of knowledge and the promotion of junior researchers in line with the social responsibility of the University of Natural Resources and Life Sciences
- Assumption of administrative tasks within the framework of university self-administration
- Acquisition and management of competitively funded national and international research projects
- Publish and present accomplished research results
- Represent the field of expertise at the national and international levels

### **Requirement profile**

- Completed doctorate in a relevant field
- Sound professional experience in the scientific field as a postdoc
- Excellent publication achievements as well as international orientation and recognition
- Willingness and ability to lead your own research team incl. the necessary funding this requires (third-party funding)
- Enthusiasm for outstanding teaching
- Excellent written and spoken German and English or willingness to learn German in the first two years

## Other desired qualifications

- Experience abroad as well as in teaching and leadership at universities and research institutions
- Diploma or M.Sc. studies in natural-technical sciences, environmental sciences, civil or environmental engineering
- Good knowledge in experimental hydrodynamics, physical scale modelling, environmental fluid dynamics
- Experience in the acquisition, management and implementation of research projects
- Ability to work in a team and independence

Publication date: 11<sup>th</sup> of October 2022

Closing date for applications: 15<sup>th</sup> of November 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 submit your application in English incl.

- Curriculum vitae with detailed presentation of professional, teaching and research activities incl. ORCID
- List of all publications (refereed & non-refereed), lectures and projects
- Electronic transmission of the PDF files of five own publications which you consider to be particularly important
- Rough concept for future plans in research and teaching including your contribution to the scientific profile of the Department
- Teaching portfolio including evaluation results
- Brief explanation why you think you should be particularly suitable for this position (max. 1 page)
- Contact details of 3 professionals willing to provide letter of reference

and indicating the reference code 198 to [kerstin.buchmueller@boku.ac.at](mailto:kerstin.buchmueller@boku.ac.at) until 15<sup>th</sup> of November 2022.

Applicants are not entitled to reimbursement of travel and accommodation costs incurred as a result of the selection procedure.

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