

The Department of Landscape, Water and Infrastructure, 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 Ecohydraulics and nature-based hydraulic engineering**

(Reference code 38)

**Working time:** 40 hours per week

**Term of the employment relationship:** 1<sup>st</sup> of October 2025, 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: € 4,932.90

(14 × a year, in addition we also offer an attractive career development program 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 Ecohydraulics and nature-based hydraulic engineering
- Fundamental research on ecohydraulic and ethohydraulic processes
- Development, testing and application of habitat models on micro-, meso- and macroscales
- Research into relationships between abiotic and biotic processes
- Development and evaluation of measures in near-based hydraulic engineering (nature-based solutions, ecosystem services, extreme events, continuum, minimization of anthropogenic influences)
- 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
- Publication and presentation of research results
- Representation of the field of expertise at the national and international levels
- Participation in current international freshwater-relevant networks, especially European and International Research Activities

## 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
- Management and personnel management skills including skills in the areas of gender and diversity management, as well as inclusion and accessibility in communication
- Excellent knowledge of habitat modelling including model design, development and application, experience with ethohydraulic laboratory experiments
- Interest in working in an interdisciplinary team
- Research achievements and SCI publications concerning the relationship between abiotic and biotic processes, nature-based solutions, extreme events
- Experience in the acquisition, management and implementation of research projects
- Communication skills ('science communication'), ability to work in a team and independence

Publication date: 14<sup>th</sup> of February 2025

**Closing date for applications:** 21<sup>st</sup> of March 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 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 38 to [recruiting@boku.ac.at](mailto:recruiting@boku.ac.at) until 21<sup>st</sup> of March 2025.

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)**