

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 Sustainable Hydropower

(Reference code 165)

Working time: 40 hours per week

Term of the employment relationship: 1st of January 2027, limited to a period of 6 years

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: € 5.079,50
(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 Sustainable Hydropower
- Applied research on the development and optimization of hydraulic engineering measures for sustainable hydropower plants
- Research on the optimization of hydropower plants from a technical, ecological and socio-economic perspective
- (Further) development and innovation of hydraulic engineering elements concerning sustainability (e.g., Sediment and reservoir management, river continuum)

- Publication activities in internationally competitive journals in the field of remote sensing and the above-mentioned areas of application
- Teaching and supervision or co-supervision of theses within the scope of legal possibilities
- Knowledge transfer and the promotion of junior researchers in line with the social responsibility of BOKU University
- Performance of administrative tasks as part of university self-governance
- 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, cooperation with the energy sector
- Participation in international networks

Requirement profile

- Completed doctorate in a relevant field
- Solid 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 group including evidence of previous success in acquiring the necessary funding (third-party funding)
- Enthusiasm for excellent teaching
- Excellent written and spoken English skills and good German skills or a willingness to learn German during the first two years
- Technical knowledge of the functionality, dimensioning and development of sustainable hydropower plants

Other desired qualifications

- International experience as well as experience in teaching and leadership at universities and research institutions
- Organizational and personnel management skills, including skills in gender and diversity management as well as inclusion and communication accessibility
- Constructive skills, including the planning and execution of large-scale experiments in the hydropower test stand of the BOKU River Lab

- Research achievements and publications, practical experiences related to technical innovations and the constructive design of hydraulic engineering measures in the field of sustainable hydropower
- Willingness to work in an interdisciplinary team
- Experience in the acquisition, management and implementation of research projects
- Communications skills (“science communication”), ability to work in a team and independence

Publication date: 2nd of September 2026

Closing date for applications: 14th of October 2026

BOKU University 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 including mandatory indication of the ORCID
- List of all publications (peer-reviewed/non-peer-reviewed), presentations and projects
- Electronic transmission of the PDF files of five of your own publications that 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 of why you believe you are particularly suitable for this position (max. 1 page)
- Contact details of 3 professionals willing to provide a letter of reference

and indicating the reference code 165 to recruiting@boku.ac.at until 14th of October 2026.

If you are invited to a personal interview, travel expenses can be reimbursed on presentation of invoices and proof of payment (in Europe up to max. 300 euros, outside Europe up to max. 1200 euros).

www.boku.ac.at