



The Department of Water, Atmosphere and Environment, Institute for Soil Physics and Rural Water Management wishes to fill a **career position in compliance with § 99 (5) UG (tenure-track) in the field of**

Soil Physics with a focus on Erosion

Working time: 40 hours a week

Term of the employment relationship: 1st of October 2021, 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: € 3,945.90 (14 x 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 Soil Physics with a focus on Erosion
- Independent scientific activities in the field of soil erosion by water
- Experimental investigations for an improved understanding of soil erosion processes by water
- Modelling of soil erosion processes at various scales
- Applied research related to soil protection and soil conservation of agricultural land
- Establishment of the research field with links for cooperation with existing expertise at the Institute for Soil Physics and Rural Water Management
- Cooperation with other relevant institutes within the Department of Water, Atmosphere and Environment and at BOKU (e.g. Hydrology and Water Management, Soil Research, Mountain Risk, Engineering, Development Research, Agronomy)
- Publication and presentation of research results
- Representation of the research field at national and international level
- 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

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
- Interest in interdisciplinary research
- Excellent knowledge of German and English, both written and spoken or willingness to learn German within the first two years

Other desired qualifications

- Experience abroad as well as in teaching and leadership at universities and research institutions
- Diploma and doctoral degree in Geosciences, Environmental Sciences, Engineering or related other fields
- Experience in the management and implementation of research projects
- Experience in coordinating field site experimental activities
- Additional experience in erosion by wind beneficial
- Excellent knowledge of German and English, both written and spoken or willingness to learn German within the first two years
- Motivation and ability to work in a team and independently
- Driving licence B

Publication date: 13th of January 2021

Closing date for applications: 17th of February 2021

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
- 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 2-3 reference persons

and indicating the reference code 03 to kerstin.buchmueller@boku.ac.at until 17th of February 2021.

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

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