

The Department of Water, Atmosphere and Environment, Institute of Soil Physics and Rural Water Management is currently seeking a

Postdoctoral Research Associate

(Reference code: 52)

Extent of employment: 40 hours per week
Duration of employment: 2nd of May 2024, limited for 6 years

Workplace: 1190 Vienna, Muthgasse 18

Gross monthly salary and pay grade in terms of collective agreement for university staff (payable 14 times per year): B1 lit. b, € 4.752,30

Responsibilities

- ❖ Independent research in the field of soil physics
- ❖ Research focus has to be in at least one of these areas:
 - Model development and simulation of water and mass fluxes in the vadose zone
 - Experimental laboratory investigations in the field of soil hydrology
 - Experimental field investigations in the field atmosphere-plant-soil interactions
 - Method development in the field of soil hydrology
- ❖ Teaching in the area of the research focus as well as general teaching in the field of soil physics and rural water management
- ❖ Independent development of research ideas, acquisition and supervision of third-party funded projects
- ❖ Publication and presentation of scientific results
- ❖ Supervision and mentoring of undergraduate, graduate and postgraduate students
- ❖ Contribution to academic self-administration
- ❖ Participation in the institute's administrative tasks
- ❖ "Habilitation" should be aimed for

Required skills and qualifications

- ❖ Doctoral degree/PhD in soil physics or related field
- ❖ Diploma degree in the field of geosciences, environmental sciences, environmental engineering, rural water management or similar disciplines or other equivalent university degree
- ❖ Sound knowledge in your own research specialisation
- ❖ Understanding of and experience with soil physics topics outside own research area
- ❖ Research focus should complement existing expertise at the institute and provide possibility for joint projects
- ❖ Strong publication record
- ❖ High motivation for working independently and for working in an interdisciplinary research and teaching environment
- ❖ Very good written and spoken English, knowledge of German is an advantage

Desirable skills and qualifications

- ❖ Teaching experience
- ❖ Successful application of external funding projects
- ❖ Involvement in the scientific community
- ❖ Experience with geographic information systems, statistics or time series analysis
- ❖ Driver's licence (B)

Applications can be submitted until: 10th of April 2024

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 electronically in one PDF-document (< 5 MB) incl.

- motivation letter
- CV
- Research concept (1-2 pages) and two contact details of reference persons

to Personnel Management, University of Natural Resources and Life Sciences, Peter-Jordan-Straße 70, 1190 Vienna; E-Mail: recruiting@boku.ac.at. **(Reference code: 52)**

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

www.boku.ac.at