

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

## **Postgraduate Research Associate**

### **Project employment**

(Reference code: 110)

Extent of employment: 30 hours per week  
Duration of employment: 1<sup>st</sup> of September 2021, limited to 31<sup>st</sup> of August 2024

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, € 2.228,60

### **Responsibilities**

The tasks are integrated in the EU-Project “TUdi – Transforming Unsustainable management of soils in key agricultural systems in EU and China by developing an integrated platform of alternatives to reverse soil degradation”. The candidate should work within the project and do a doctoral degree at the University of Natural Resources and Life Sciences Vienna. The project will be conducted in close cooperation with the Federal Agency for Water Management (Petzenkirchen) and international cooperation partners.

For the subproject at BOKU the following specific tasks have to be fulfilled by the PhD-student:

- Development of an indicator describing soil quality, soil conservation and soil water status in dependence on different agricultural practices
- Investigation of soil chemical and soil physical parameters
- Statistical analysis of newly measured data and of data from long-term experiments
- Publication of results in scientific journals
- Presentation of results at conferences
- Writing a doctoral thesis

### **Required skills and qualifications**

- Diploma degree in Water Management and Engineering, Environmental Sciences, Agricultural Sciences or other equivalent university degree
- Experience with working in the field and taking soil samples
- Soil chemical and soil physical analysis in the laboratory
- Very good skills in statistics
- Knowledge in soil physics
- Willingness to travel

### **Desirable skills and qualifications**

- Basic knowledge in agricultural sciences
- Interest in transdisciplinary research questions
- Motivation, ability to work in a team and independently
- Driving license

Applications can be submitted until: 10<sup>th</sup> of June 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 send your job application incl.

- motivation letter
- CV
- Bachelor and master certificates
- Summary of master thesis
- Names of two referees

as a single PDF-file (< 5 MB) to Personnel department, University of Natural Resources and Life Sciences, Peter-Jordan-Straße 70, 1190 Vienna; E-Mail: [kerstin.buchmueller@boku.ac.at](mailto:kerstin.buchmueller@boku.ac.at). (**Reference code: 110**)

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

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