



The Department of Forest- and Soil Sciences, Institute of Soil Research is currently seeking a

## Postdoctoral Research Associate

(Reference code: 91)

Extent of employment: 40 Hours per Week  
Duration of employment: 01<sup>st</sup> of January 2017 to 31<sup>st</sup> of December 2022  
Workplace: 1190 Vienna, Peter-Jordan-Straße 82, Austria

Gross monthly salary and pay grade in terms of collective agreement  
for university staff (payable 14 times per year): B1 lit. b, € 3.590,70

### Responsibilities

- We are interested in soil processes which we address at ecosystem level as well as in the laboratory using recently developed tools (e.g. laser technology, metaproteomics, SIP).
- Research with focus on the nitrogen cycle and greenhouse gas emissions from soils in the team of Prof. Dr. Sophie Zechmeister-Boltenstern
- The work will include the management of a field site with automated instrumentation to measure nutrient budgets and CO<sub>2</sub>, CH<sub>4</sub>, N<sub>2</sub>O, NO<sub>x</sub> fluxes under climate change scenarios
- It requires proactive involvement in planning and organisation of research and teaching at the Institute of Soil Research (practical courses, lectures and excursions)
- Supervision of a working group with students (bachelor's, master's or doctoral theses), visiting scientists and internships will be part of the job as well as administrative activities at the Institute of Soil Science

### Required skills and qualifications

- PhD in Environmental Sciences, Geosciences, Ecology, Agriculture, Forestry or similar Ev.
- Completed degree in natural sciences
- Post-Doc experience
- Experience in soil ecology, microbiology, climate change, environmental field research
- Publications in international peer reviewed journals
- Teaching experience
- Experience in project management and financial project administration
- Experience in writing project proposals and acquiring research funding
- Experience in oral presentation at international conferences
- Excellent command of English, basic understanding of German
- Experience in field work and handling of instrumentation

### Desirable skills and qualifications

- Education in soil science and soil microbiology
- Experience in greenhouse gas measurement
- Laboratory experience, field experience, electronic and mechanic skills
- Readiness to learn German within the first year
- Readiness to take part in advanced vocational training
- IT-knowledge, advanced experience in data management and statistical data analysis
- Driving licence
- Social skills and teamwork abilities
- Self contained organization
- Stress resilience, reliability, independence

Applications can be submitted until: 15<sup>th</sup> of September 2016

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.

Please send your job application to Personnel department, University of Natural Resources and Life Sciences, 1190 Vienna, Peter-Jordan-Straße 70; E-Mail: [kerstin.buchmueller@boku.ac.at](mailto:kerstin.buchmueller@boku.ac.at). **(Reference code: 91)**

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)**