

The department of Forest- and Soil Sciences invites applications for a

## **Research Scientist faculty position**

(Reference code: 62)

Extent of employment: 40 Hours per Week  
Duration of employment: 01.08.2011 (or as soon as possible) – 31.07.2017  
(ev. Prolongation to tenure track position)

Classification under the collective agreement, §49, of the university: B1 lit. b

### **Job Description**

We are interested in soil processes which we address at ecosystem level as well as with recently developed tools (e.g. metaproteomics, SIP) in the laboratory. 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 installation of a new field site with automated instrumentation to measure nutrient budgets and CO<sub>2</sub>, CH<sub>4</sub>, H<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 for Soil Science (practical courses, lectures and excursions: 4 hours per week). Supervision of students (bachelor's, master's or doctoral degrees), visiting scientists and internships will be part of the job as well as administrative activities at the Institute of Soil Science.

### **Desired Qualifications**

- ❖ PhD in Environmental Sciences, Geosciences, Ecology, Agriculture, Forestry or similar
- ❖ PostDoc 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

### **Optional Additional 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
- ❖ IT-knowledge, experience in data management and statistical data analysis
- ❖ Driving licence
- ❖ Social skills and teamwork abilities
- ❖ Self contained organization
- ❖ Stress resilience, reliability, independence

### **Application must contain**

- CV including list of publications
- One exemplary publication
- Letter of motivation
- Two letters of recommendation

Date of publication: 20.05.2011

Closing date for applications: 26.06.2011

University of Natural Resources and Life Sciences Vienna intends to increase the proportion of its female personnel. Qualified women are therefore explicitly invited to submit applications. In the case of equal qualifications, women will be given preferential consideration for employment unless reasons specific to an individual male candidate tilt the balance in his favour.

Please send your job application to the department of human resources at the 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: 62**)

We don't refund travel costs to the job candidates.

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

**Vice rector of strategic development:**

Univ.Doz. DI Dr. Georg Haberhauer, MBA