



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

Postdoctoral Research Associate (Senior Scientist)

(Reference code: 153)

Extent of employment: 40 Hours per Week
Duration of employment: 1st of January 2019 - unlimited

Workplace: 3430 Tulln

Gross monthly salary and pay grade in terms of collective agreement
for university staff (payable 14 times per year): B1 lit. b, € 3.711,10

Responsibilities

- ❖ Proactive involvement in planning and organization of research and teaching at the Institute of Soil Research (practical courses, lectures and excursions)
- ❖ Independent research activities in rhizosphere ecology and biogeochemistry with focus on sampling and analysis of root exudates and their role in plant nutrition as well as carbon and nutrient cycling
- ❖ Supervision of a working group with students (bachelor's, master's or doctoral theses), visiting scientists and internships
- ❖ Active participation in 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 in rhizosphere ecology and biogeochemistry
- ❖ Experience with different plant growth systems (e.g. rhizoboxes, etc.) and root exudate sampling approaches
- ❖ Experience with isotopic tracer studies
- ❖ Publications in international peer reviewed journals
- ❖ Teaching experience in soil science
- ❖ Experience in acquisition of nationally and internationally funded research projects, as well as project management and financial project administration
- ❖ Excellent command of English and German

Desirable skills and qualifications

- ❖ Teaching experience in soil science and rhizosphere ecology
- ❖ Experience in laboratory management and field work
- ❖ Experience with elemental, isotope and molecule analysis (ICP-MS, ICP-OES, LC-MS, etc.) and chemical imaging techniques (LA-ICP-MS, planar optodes)
- ❖ IT knowledge, advanced experience in data management and statistical data analysis
- ❖ Driving license
- ❖ Social skills and teamwork abilities
- ❖ Stress resilience, reliability, independence

Applications can be submitted until: 15th of November 2018

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. (**Reference code: 153**)

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

www.boku.ac.at