



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

Postgraduate Research Associate (PhD position, project employment)

Reference code: 115

Extent of employment: 30 Hours per Week
Duration of employment: 01st of March 2016 to 28th of February 2019

Gross monthly salary and pay grade in terms of collective agreement
for university staff (payable 14 times per year): B1, € 1.997,20

We're seeking to hire a PhD student in the lab of Rupert Seidl (<http://www.wabo.boku.ac.at/seidl.html>). This research is part of an ongoing effort to investigate changes in climate and disturbance regimes in the forest ecosystems of Central Europe, understanding their consequences on the provisioning of ecosystem services, and developing adaptation options for forest ecosystem management. We are offering a dynamic working environment in an international team at the frontier of quantitative forest ecosystem research in Europe. BOKU is one of the top tier schools in the environmental sciences in Europe, and the city of Vienna consistently ranks among the cities with the highest quality of life globally.

The successful candidate will

- Study ecosystem patterns and processes and their response to disturbance and climate, using a combination of empirical and remote sensing approaches (e.g., dendroecology, Lidar)
- Contribute to the development, parameterization, and evaluation of a spatially explicit forest landscape model (<http://iland.boku.ac.at>)
- Apply these tools to answer questions on past and potential future trajectories of the forest landscapes in order to quantify their resilience to global change, and
- Disseminate results to the scientific community via peer-reviewed publications

Required skills and qualifications

- Master's degree in forestry, landscape or disturbance ecology, or related fields
- Proficiency in English

Desirable skills and qualifications

- Strong quantitative abilities
- Programming skills and/or
- Experience in ecosystem modelling

Applications can be submitted until: 10th of January 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 (CV, concise motivation letter incl. research interests and prior accomplishments, and the names and addresses of three references (in a single pdf file)) 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: 115)**

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

www.boku.ac.at

Vice Rector for Human Resource Management and Organisational Development:

Univ.Prof. DI Dr. Georg Haberhauer, MBA