University of Natural Resources and Life Sciences Vienna – responsibility for Humans and Nature. We work for the sustainable use and protection of natural resources.

BOKU

The Department of Landscape, Spatial and Infrastructure Sciences, Institute of Landscape Development, Recreation and Conservation is currently seeking a

Postgraduate Research Associate
project employment
(Reference code: 41)

<u>Extent of employment:</u>   30 hours per week
<u>Duration of employment:</u>   from 1st of May 2023, limited to 31st of December 2025

Workplace: 1180 Vienna, Peter-Jordan-Straße 65

Gross monthly salary and pay grade in terms of collective agreement for university staff (payable 14 times per year): B1, € 2.458,00

The researcher will be part of the team of an international research project (FWF) that aims to identify and analyse the potential of the increasing digitization of society in the field of tourism and recreation planning, as well as forest management.

They will contribute to evaluate different available digital data resources related to recreational mobility as well as environmental structures in the metropolitan area of Vienna, Austria and assess their potential for modelling cultural ecosystem services of forest areas. The researcher will have the opportunity to develop themselves and their expertise within the research project, as well as the PhD studies at the University of Natural Resources and Applied Life Sciences Vienna. The position is offered within the FWF project "*Big data in forest recreation monitoring (ForRest)*".

Responsibilities

- Research activity in the field of recreation geography, leisure mobility, ecosystem services of forests, ICT, big data (focus: metropolitan area of Vienna, AT)
- Writing scientific publications and publishing the results in journals; the publications can be submitted as a cumulative PhD thesis (doctoral studies at the University of Natural Resources and Applied Life Sciences, Vienna, AT)
- Participation in (inter)national scientific conferences and transdisciplinary events with stakeholders in the metropolitan area of Vienna
- Exchange and cooperation with the project team (BOKU, AT; Warsaw University of Technology; Forest Research Institute, PL) as well as with other scientists (AT, NL, ES, USA)

Required skills and qualifications

- Diploma degree in Geography, Geoinformation, Transportation, Landscape Planning, Spatial Planning, Forestry, Tourism, Data Science or other equivalent university degree
- Fluent English (fluent spoken and written English)
- Experience with scientific software packages (e.g. GIS software, R, MATLAB, etc…)
- Interest in research within tourism and recreation geography domain, ICT, big data

Desirable skills and qualifications

- Practical experience with the analysis of spatial / spatio-temporal data (e.g. ArcGIS Pro, ArcGIS, QGIS or equivalent)
- Practical experience with statistical analysis (e.g. E, MATLAB or other statistical software packages)
- Knowledge of or willingness to learn PPGIS methods (Public Participation GIS)

- Ability to write and publish high quality scientific papers
- Ability to self-organize and take personal responsibility in the performance of tasks
- Knowledge of German language (advantageous)
- Team spirit

Applications can be submitted until: 22nd of March 2023

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
- 3 examples of own maps and / or data analysis, infographics, etc. (PDF)

to Personnel Management, University of Natural Resources and Life Sciences, Peter-Jordan-Straße 70, 1190 Vienna; E-Mail: kerstin.buchmueller@boku.ac.at. **(Reference code: 41)**

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

www.boku.ac.at

universität des lebens