

The Department of Ecosystem Management, Climate and Biodiversity, Institute of Meteorology and Climatology is currently seeking a

Postdoctoral Research Associate

project employment

(Reference code 176)

Extent of employment: 40 hours per week

Duration of employment: 1st of November 2025, limited to 31st of October 2026

(with option for temporary extension)

Workplace: 1180 Vienna, Gregor-Mendel-Straße 33

Allocation in compliance with the Collective Agreement for University Staff to job group:

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Gross monthly salary: (depending on previous eligible experience) at least: € 4.932,90

(payable 14 times per year)

Responsibilities

- Perform research in the area of climate dynamics and atmospheric chemistry with focus on chemistry-climate connections during geomagnetic excursions and reversals (e.g. Laschamps)
- Apply and further develop chemistry-climate models such as SOCOL
- Prepare model infrastructure and intersections and set-up chemistry-climate model experiments
- Perform and analyze chemistry-climate model simulations
- Quantify changes emerging in atmospheric composition and climate emerging from variations in Earth's geomagnetic field
- Collaborate closely with the team members of the research group and with research partners from GFZ Potsdam and the Universities of Helsinki and Oulu within the ERC Synergy project Geomagnetic Excursions and Reversals: Establishing their Atmospheric and Climate Effects (GERACLE)
- Disseminate research results in scientific journals and at scientific meetings
- Contribute to the advising of bachelor, master and PhD students
- Participate in administrative tasks at the institute level

Required skills and qualifications

- Doctorate degree/PhD in meteorology, physics or chemistry or related field
- Language skills: Good command of English language
- Background in climate dynamics and atmospheric chemistry
- Experience in chemistry-climate modelling and model output analysis
- Proficiency in scientific programming and statistical data analysis and visualization
- Experience with high-performance computing environments

Desirable skills and qualifications

- Team player, reliable, open
- Willingness to travel for national or international conferences or workshops
- Work on and solve problems independently, meet deadlines

Applications can be submitted until: 17th of September 2025

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
- Statement of research interests (1 page)
- Names and contact details of two individuals willing to serve as academic reference

to Personnel Management, University of Natural Resources and Life Sciences, Peter-Jordan-Straße 70, 1190 Vienna; E-Mail: recruiting@boku.ac.at. **(Reference code: 176)**

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

www.boku.ac.at