

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

Postgraduate Research Associate

project employment

(Reference code 178)

Extent of employment: 30 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:

B1

Gross monthly salary: (depending on previous eligible experience) at least: € 2.786,10

(payable 14 times per year)

Responsibilities

- Perform research in the area of climate dynamics and atmospheric chemistry with focus on the evolution of past and future tropospheric ozone abundances in Europe and the contribution of tropospheric ozone to column ozone content
- Perform and analyze chemistry-transport model (CTM) simulations with WRF-Chem
- Quantify the contributions of chemical and dynamical processes to the tropospheric ozone burden (past and future)
- Evaluate CTM outputs against point measurements, soundings and satellite products
- Collaborate closely with the team members of the research group and with research partners from PMOD/WRC and MeteoSwiss within the FWF WEAVE project Stratospheric and Tropospheric Ozone over Alps and Europe (STOA)
- Pursue doctoral studies at BOKU University is desired
- Disseminate research results in scientific journals and at scientific meetings
- Contribute to the advising of bachelor and master students
- Participate in administrative tasks at the institute level

Required skills and qualifications

- Diploma degree in meteorology, physics or chemistry or other equivalent university degree

- Students (preferably in the field of study meteorology, physics or chemistry whose graduation is imminent)
- Language skills: Good command of English language
- Background in climate dynamics and atmospheric chemistry
- Experience in chemistry-transport modelling and/or model output analysis
- Proficiency in scientific programming and statistical data analysis and visualization

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
- Name and contact details of an individual 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: 178)**

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

www.boku.ac.at