



At the **University of Graz**, researchers and students work across a broad disciplinary spectrum to enlarge our knowledge and find strategies to deal with challenges our society is confronted with and to shape tomorrow's world. The University of Graz is a place which combines high quality academic research and teaching, where achievement is rewarded, careers are promoted, and social diversity is encouraged – all within a modern, award-winning working environment. Our motto: We work for tomorrow. Join us!

The **Wegener Center for Climate and Global Change** integrates climate, environmental, and socio-economic research. We create a stimulating interdisciplinary research environment with research groups from different disciplines under one roof. You will become a member of one of the leading groups for atmospheric remote sensing and climate system research and contribute to solving key challenges in observation-based climate analysis and monitoring. You will join the FWF-funded project **Strato-Clim**, which focuses on wind-field analyses and climate monitoring of circulation dynamics in the stratosphere under climate change. International exchange and conference participations will be supported.

The Wegener Center for Climate and Global Change is looking for a

Project Assistant without doctorate (PhD student)

(30 hours a week; fixed-term employment for a period of 3 years; to be filled as of 1st March 2022)

Your duties

- Research and collaboration in the field of using radio occultation (RO) and re-analysis (RA) data for climate research, with the focus on stratospheric wind analyses as part of a PhD thesis.
- Cooperative yet self-responsible research work on RO and RA climate data record generation, with focus on quality improvements of stratospheric thermo-dynamic datasets from RO.
- Generation of multi-decadal, regionally and monthly resolved RO and RA stratospheric wind fields and studies of changes of circulation patterns and their dynamics under climate change.
- Contribution to and primary authorship of publications in professional journals, particularly in the context of the PhD thesis, and to scientific and public dissemination of the research results.

Your profile

- Completed master program (MSc degree) in a subject suitable for the area of duties (preferably from the natural sciences – physics, geophysics, meteorology) and a solid education and understanding in the field of atmospheric and climate physics
- Experience and proven competences, based on University education, in the field of atmosphere and climate data analysis using measurements and models for scientific studies
- Experience with independent work under senior-level guidance, including the analysis of large amounts of data and with large modeling systems
- Experience in scientific programming (preferably Fortran, Python, shell-scripting) and with Linux operating systems as well as scientific databases
- Very good written and spoken English skills; corresponding German skills are of advantage
- Self-initiative and reliability as well as organizational, communications, and team skills
- Enjoying work with people in an interdisciplinary and internationally oriented environment
- Responsible way of working, resilience, and problem-solving ability



Our offer

Classification

Salary scheme of the Universitäten-KV (University Collective Agreement): B1

Minimum salary

The minimum salary for this position, as stated in the collective agreement and according to the classification scheme, is EUR 2228.60 gross/month. This minimum salary may be higher due to previous employment periods eligible for inclusion and other earnings and remunerations.

We offer you a job with a lot of responsibility and variety. You can expect an enjoyable work climate, flexible work hours and numerous possibilities for further education and personal development. Take advantage of the chance to enter into a challenging work environment full of team spirit and enthusiasm for your job.

Application Deadline: **12th December 2021**

Reference ID: **Strato-Clim PhD**

The University of Graz strives to increase the proportion of women in the natural sciences and therefore encourages qualified women to apply. Especially with regard to academic staff, we welcome applications from persons with disabilities who meet the requirements of the advertised position.

If you are interested, please submit your application documents (motivation letter, CV, contact details of two referees, relevant certificates) latest by the stated deadline. **Make sure to indicate the Reference ID on your application and submit it to:** lena.zechner@uni-graz.at (Wegener Center Institute Manager)

For further information please contact Strato-Clim project leader Dr. Julia Danzer (julia.danzer@uni-graz.at, Tel. +43-(0)316-380 8461).