



The research group **Climate and Environmental Remote Sensing (CLIMERS)** of the **Department of Geodesy and Geoinformation (GEO)** is looking for a

## **Summer Student**

to work **full time** (40 hours/week) for **2-3 months** during the summer holidays (July – September).

The **CLIMERS group** (<https://climers.geo.tuwien.ac.at/>) engages in fundamental and applied remote sensing research for climate and environmental use. We develop methods, algorithms and open source code to generate value-added products from microwave satellite observations, for example for soil moisture, vegetation condition, drought monitoring, and fire forecasting. Furthermore, the group develops novel applications by collaborating with scientists from many other fields such as hydrology, meteorology, agronomy, and forestry.

You will support the team with various programming tasks in specific research projects dealing with the topics described above. Details will be defined upon start of the contract based on your qualifications and interests.

**Strong programming skills (Python)** and the capability to work efficiently and independently are required. A good statistical or mathematical background, and basic knowledge in remote sensing data analysis, machine learning (Python Scikit Learn Library), and image processing are an asset.

The salary for this position is based on the Austrian regulations for university staff. The monthly minimum salary will be € 2.210,20 (gross, based on full-time employment).

The application should include:

- Motivation letter
- Curriculum Vitae
- Indicative availability in July, August, and/or September
- The word "CLIMERS" in the subject of your application email

If you are interested, please send your application to [rs-sek@geo.tuwien.ac.at](mailto:rs-sek@geo.tuwien.ac.at) until **31.03.2022**.