

# Research Assistant in the field of photogrammetry

**Application deadline:** 08.03.2025

**Employment Start:** April 2025

**Hours per week:** 32 h/w

**Employment Type:** Temporary

## Responsibilities

- Further development of methods and algorithms for the automated processing of historical stereo aerial and satellite images as part of the project “Recovery of historical aerial images of the Austrian Alps” funded by various federal states.
- Investigation of the generated orthoimages and digital terrain models, particularly for quantifying glacier changes, in collaboration with the University of Graz.
- Support in the acquisition and implementation of further national and international research projects and activities
- Presentation of project results at national and international conferences and writing of scientific articles.

## Profile

### Admission Requirements

- PhD in in Remote Sensing and Photogrammetry; MSc in Remote Sensing, Geoinformatics, Geography with focus on Remote Sensing and Photogrammetry or an equivalent qualification

### Desired Qualification

- Profound knowledge of remote sensing and photogrammetry as well as relevant software such as QGIS, Erdas Imagine, Geomatica Orthoengine, Pix4D, Agisoft, AMES Stereo Pipeline, MicMac or similar.
- Profound experience with various stereo aerial and satellite data
- Very good programming skills (including C++, Python).
- International peer-reviewed publications and presentations.
- Experience in acquiring projects.
- Very good knowledge of the English language, both written and spoken; knowledge of German is an advantage.
- Knowledge of glaciology is an advantage.
- Ability to work in a team, high motivation, willingness to perform, communication skills and being proactive.

*We offer an annual gross salary of at least € 69,060.59 for a fulltime position. An overpayment based on qualification and experience is possible.*

*Graz University of Technology aims to increase the proportion of women, in particular in management and academic staff, and therefore qualified female applicants are explicitly encouraged to apply. Preference will be given to women if applicants are equally qualified.*

*Graz University of Technology actively promotes diversity and equal opportunities. Applicants are not to be discriminated against in personnel selection procedures on the grounds of gender, ethnicity, religion or ideology, age, sexual orientation (Anti-discrimination). People with disabilities and who have the relevant qualifications are expressly invited to apply.*



**Become part of the team of **Graz University of Technology!**  
We are looking forward to your application!**

**Contact:**

Graz University of Technology  
Rechbauerstraße 12, 8010 Graz

Please contact Prof. Dr. Tobias Bolch (tobias.bolch@tugraz.at) in case you have any questions.