

### PhD researcher in Physical Geography and Remote Sensing

The team of the Remote Sensing & Topographic LiDAR Research Group (Institute of Geography, University of Innsbruck) is looking for a PhD with a background and interest in Alpine geomorphology, remote sensing and landscape ecology for the research project MICROCLIM (A micro-scale perspective on alpine floras under climate change. Linking observations and models to improve our understanding of the future of European high mountain plants). Together with partners at University of Vienna and the Austrian Academy of Sciences an interdisciplinary team of scientists will investigate the potential of close-range and remote sensing to map geomorphology and climate variables in high resolution.

#### We offer

- Duration 3 years
- Start: 1st January 2021
- Salary: 2200 € gross/month, 30 hours per week, 14x per year
- Office: University of Innsbruck, Tyrol

#### Required Qualifications

- Data acquisition in high mountain areas by photogrammetry and laser scanning
- Automated processing of remote sensing time series analysis
- Geoinformatics and programming skills (e.g. Python)
- Contributing to the planning and conducting of field campaigns

#### Preferred Qualifications

- Knowledge in processing multispectral satellite remote sensing data
- Knowledge in scaling and interpolation of remote sensing time series
- Background in automated mapping and monitoring of natural environments

If you are interested, please send your motivation letter and CV to [martin.rutzinger@uibk.ac.at](mailto:martin.rutzinger@uibk.ac.at) until 15.11.2020 latest.