

Position Announcement: Researcher in the *EO Analytics Lab*

The Department of Geoinformatics – Z_GIS at University of Salzburg aims to combine high quality education with excellent research. The department has several research groups with an outstanding international reputation (<https://zgis.at/research>) and is offering a **researcher position** in the **EO Analytics Lab** research group (<https://eo-analytics.zgis.at>).

The researcher will join a multidisciplinary team of educators and researchers who are focused on Earth observation and Geoinformatics.

- Start of the position: November (or earlier)
- Duration of contract: at least 2 years (extension possible and encouraged, depending on available project funding)
- Weekly working hours: 30h
- Professional level:
 - Preferred: predoctoral (holding a MSc degree) with option to do a PhD

Job profile:

- Collaboration in international research projects
 - Active participation in project meetings
 - Responsible for tasks in various research projects
 - Contribute particularly to project management and deliverables
- Research in Earth observation, big EO data infrastructure, and artificial intelligence
 - Collect user requirements
 - Create and maintain (semantic) Earth observation data cubes
 - Conduct (semantic) analysis in Python and our in-house developed Sen2Cube.at system
- Application context: Earth observation, Big Earth data IT infrastructure, remote sensing

Candidates **must have a post-secondary degree** in the field of geoinformatics, remote sensing, computer science, or a related discipline. Moreover, interest in scientific work, and the ability to work independently and in teams are mandatory.

A **profound technical understanding** is a prerequisite for this position, but we are not necessarily fixed to specific technologies or programming languages. The candidate needs to be qualified to perform state-of-the-art research with a focus on big Earth data infrastructure and algorithm design. Furthermore, the candidate is expected to conceive new research ideas and support writing grant proposals.

Beyond that, **good communication and social skills** are required for working in an interdisciplinary and dynamic team as well as for conducting research. Collaboration on publications with other members of the team is expected, aiming to publish in international journals and conferences.

We **offer** a friendly working atmosphere as well as remuneration according to the Austrian University collective bargaining agreement (full-time gross salary per year min. €45,882.20 based on 40 hours per week for PreDoc).

Application deadline: **Rolling admission** (applicants will be interviewed until the position is filled)

University of Salzburg aims to increase the share of women in scientific and general staff, particularly in leading roles. Thus, we encourage qualified women to apply. **Women will be preferred in case of equal qualification.** Severely challenged persons or persons with chronic diseases who fulfil the qualification criteria are encouraged to apply.

Applicants need to send the following documents to dirk.tiede@plus.ac.at

- Letter of motivation
- Scientific CV
- List of publications, if available
- Certificates, if available

If you are interested in this position, please contact **Assoc. Prof. Dr. Dirk Tiede** (dirk.tiede@plus.ac.at) or by phone: +43-662-8044-7565.

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