

## Position Announcement ::: Researcher and Project Lead *geoAI*

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 offers a **scientific senior researcher position** within the research group “**Geo-Social Analytics Lab**” (<https://geosocial.zgis.at>).

The researcher will join a multidisciplinary team of researchers and educators in the field of Geographic Information Science and Geoinformatics.

- Start of the position: ASAP
- Duration of contract: 2 years (extension possible and envisaged)
- Weekly working hours: 30-40 h
- Professional level:
  - Preferred: **postdoctoral (holding a PhD degree)**
  - Possible: predoctoral (holding an MSc degree) with exceptional qualification
- Working hours: to be arranged

### Job profile:

- Collaboration in international research projects
  - Acquisition of research funding (conceiving and writing grant proposals)
  - Project lead and supervision
- Research in geospatial machine learning and artificial intelligence
  - Analysis of user-generated data like geo-social media posts or physiological measurements, information fusion
  - Semantic topic modelling using AI methods
  - Sentiment Analysis (emotion and opinion mining in text data)
- Application contexts: disaster management, humanitarian aid, epidemiology, urban planning

Candidates are **required to hold a degree** in the field of artificial intelligence, data science, geoinformatics, computer science, information management or a related discipline. Moreover, an excellent research and publication record, and the ability to work independently and in teams are mandatory.

A **profound technical understanding** is a prerequisite for this position. The candidate needs to be qualified to perform state-of-the-art research with a focus on algorithm design and geo-software engineering. Furthermore, the candidate is expected to conceive new research ideas, **write grant proposals, and lead national and international research projects**.

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

We **offer** a great working atmosphere as well as remuneration according to the Austrian University collective bargaining agreement (full-time gross salary per year min. €60,926.60 based on 40 hours per week for PostDoc and €45,882.20 for PreDoc).

Application deadline: **Rolling admission** (applicants will be interviewed until the positions are 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 [bernd.resch@plus.ac.at](mailto:bernd.resch@plus.ac.at):

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

If you are interested in this position, please contact **Prof. Dr. Bernd Resch** ([bernd.resch@plus.ac.at](mailto:bernd.resch@plus.ac.at)) or by phone: +43-662-8044-7551.

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