

Student Research Assistant (f/m/d)

Part-Time (20 hours/week)

Project MINE-THE-GAP

Vienna University of Economics and Business (WU)
Institute for Ecological Economics

WU's Institute for Ecological Economics invites applications for a student research assistant within the ERC Consolidator Grant project **MINE-THE-GAP**. The project will develop the methodological foundation to enable global spatial-temporal information on mineral extraction, revealing where and when mining occurs, how much material is displaced, and what commodities and minerals are associated with individual mining operations. The project integrates data from various sources, including mining inventories, mining statistics, and satellite imagery, to develop scalable AI models for mapping mine-level indicators.

We are seeking a technically skilled assistant to support research by collecting, managing, and processing data. This is your chance to strengthen your quantitative and spatial data skills by contributing to addressing a critical global sustainability challenge as part of the **MINE-THE-GAP** project team!

Your Responsibilities

- Data screening and data compilation from various sources
- Managing and organizing the project's geospatial database
- Assisting in gathering and preparing training and validation data for AI models
- Supporting with general data management and administrative tasks

Your Profile

- Experience with data handling and management (e.g., collecting, storing, and processing).
- Ability to work independently and as part of an international team
- Excellent command of written and spoken English

Bonus qualifications

- Knowledge on geospatial data and GIS software (e.g., QGIS, ArcGIS) is an advantage
- Programming skills (R and/or Python)

What We Offer

- The opportunity to acquire knowledge of spatial data science and AI through practical, real-world applications
- Being part of a cutting-edge ERC research program that will develop innovative solutions for global sustainability challenges
- Working within a dynamic, supportive, and interdisciplinary team of leading experts and collaborating with a wide international network of scholars
- Flexible working hours and a commitment to work-life balance
- Excellent working conditions, modern facilities, and a friendly and supportive working environment

Start date: As soon as possible

Fixed-term: 1 year, with a planned 1-year extension after a positive progress assessment

Part-time: 20 hours/week

Location: Vienna, Austria

Salary: The monthly gross salary amounts to € 1.349,60 (14 times per year)

Application Process

Please submit your application via email to **Dr. Victor Maus** at victor.maus@wu.ac.at, including the following documents in a single PDF file:

1. A letter of motivation (max 1 page). Describe your interest in the position and relevant experience. Feel free to tell us about one project you particularly enjoyed at university or elsewhere. We're especially interested in hearing about quantitative or spatial data projects you have worked on.
2. Curriculum Vitae (CV)
3. Contact information for two academic or professional references

We encourage applicants of all genders, backgrounds, and identities!

Application deadline: The positions are open until suitable candidates are found.

We look forward to receiving your application!

November 30, 2025