

**126. Job Advertisement – One vacant PhD position for a part-time scientific project assistant (m/f/d) with 30 hours per week at the Chair of Resource Mineralogy, Department Applied Geosciences and Geophysics–
Reference Number: 2302WPE**

One vacant PhD position for a part-time scientific project assistant (m/f/d) with 30 hours per week at the Chair of Resource Mineralogy, Department Applied Geosciences and Geophysics, expected to start on 1st of April 2023 in a 3-year fixed-term employment contract.

Salary grade B1 according to Uni-KV, monthly minimum salary excl. supplements € 3.277,30 for 40 hours per week (14 x per year), actual grading will be according to creditable job-specific previous experience.

You are interested in studying mineral deposits by combining various techniques from geological field work, mineralogy, petrology to geochemistry and geochronology for understanding processes of ore formation and transfer of this knowledge to mineral exploration?

We are looking for a motivated PhD student who will be studying magnesite deposits in the Eastern Alps from various perspectives. The focus of the work will be the investigation of magnesite deposits in Hochfilzen area within their regional geological context. Geological field work and mineralogical and petrological studies will be complemented by geochemical studies and dating. The project is based at Montanuniversitaet Leoben (MUL) and conducted in close collaboration with GeoSphere Austria and within the framework of the MultiMiner Horizon Europe project and the "Forschungspartnerschaften Mineralrohstoffe" project scheme of GeoSphere Austria. RHI Magnesita is the industry partner in this project.

The successful candidate is expected to conduct original research and present it at national and international conferences. As part of the work, the candidate will write reports and give presentations on the progress of the projects and publish the results. The candidate will integrate in an active research group of graduate students working on economic geology and related subjects at Montanuniversitaet Leoben and in close cooperation with all project partners.

Duties:

- to organize and implement the activities of MUL within the MultiMiner Horizon Europe and "Forschungspartnerschaften Mineralrohstoffe" projects
- to conduct original research on the PhD level
- to participate in teaching geosciences topics to undergraduate and graduate students

Requirements:

- University degree (Master; Dipl.-Ing.) in geosciences
- Excellent knowledge in geology/mineralogy/petrology and/or geochemistry; experience with analytical techniques used in mineralogy and/or chemistry are beneficial
- Knowledge of raw materials and economic geology is desirable.
- Fluency in spoken and written English is mandatory and proficiency in German is beneficial, but not mandatory

The researchers at Montanuniversitaet Leoben work on the major challenges of our time in the fields of resources, climate, energy and environment. The Montanuniversitaet Leoben stands for excellent science, outstanding education and absolute excellence in research and teaching.

What do we offer? In a young and motivated team, we offer you an interesting working environment and the opportunity to participate in innovative research projects. Team-oriented work and cooperation with industry and research partners provide the basis for further development on a professional and personal level. Through the Centre for Languages and Education, the Montanuniversitaet Leoben offers extensive language and didactic training opportunities, sports and regeneration facilities, as well as affordable catering options.

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End of Application: 24.03.2023

The Montanuniversitaet Leoben intends to increase the number of women on its faculty and therefore specifically invites applications by women. Among equally qualified applicants women will receive preferential consideration.

For the application please use the online form on the homepage: <https://www.unileoben.ac.at/jobs>

Der Rektor:
Univ.-Prof. Dipl.-Ing. Dr.techn. Dr.h.c. Wilfried Eichlseder

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