

**78. Job Advertisement: 1 Job for a full-time university assistant (m/f/d) at the Chair of Mining Engineering and Mineral Economics in the Department of Mineral Resources Engineering-  
Reference Number: 2212WPA**

1 Job for a full-time university assistant (m/f/d) at the Chair of Mining Engineering and Mineral Economics in the Department of Mineral Resources Engineering at the earliest possible date in an employment relationship limited to 3 years. Salary group B1 according to Uni-KV, monthly. Minimum wage excluding special payment: € 3.058,60 for 40 hours per week (14 times a year).

### **Project Description**

The Chair of Mining Engineering and Mineral Economics at the Montanuniversität Leoben is looking for a qualified employee (f/m/d) in the field of surface mining technology with the possibility of a dissertation to expand the team.

The surface mining team currently offers a wide range of expertise in the areas of research and teaching regarding technical, economic and ecological process design and would like to focus on the challenges of climate change as well as the sustainability and resilience requirements for production processes in the field of surface mineral raw material extraction in the future.

### **Areas of Responsibility**

Support of the team in the areas:

#### **Research**

- Participation in national and international interdisciplinary research projects in the areas of sustainability and resilience requirements for production processes in surface mining
- Participation in national and international interdisciplinary research projects in the fields of work and process safety as well as risk management in surface mining
- Participation in research applications and projects, both in international and national research programs and with industry
- Independent work in the laboratory and in field research
- Process simulation and optimization
- Possibility of a dissertation on the subject of sustainability and resilience requirements for production processes in surface mining

#### **Teaching and Education**

- Assisting in lectures in the bachelor's degree (surface mining)
- Assisting in lectures in the master's program (surface mining)
- Assisting in the university course (ULG) in blasting technology

#### **Projects (funded by industrial partners)**

- Participation in third-party funded small projects by industrial partners

#### **Requirements**

- Completed master's degree in the field of mining and raw material extraction (focus on surface mining technology is an advantage)
- Blasting license or equivalent explosive training (ULG blasting technology or equivalent)
- Interest in sustainability and environmental issues related to mining and resource extraction
- Spoken and written German and English skills
- A team player and able to communicate well with others
- Software knowledge
  - o MS Office

- o MathLab (advantageous)
- o LabView (advantageous)
- o Surpac, Datamine (advantageous)

Drivers licence class B

Willingness to travel on business

### **What do we offer?**

In a young and motivated team, we offer you a varied and interesting work environment and the opportunity to participate in innovative research projects. Team-oriented work and cooperation with industrial and research partners provide the basis for further development on a professional and personal level.

Furthermore, as part of your work at the chair, there is the possibility of a dissertation in the field of sustainable surface mining technology.

**Reference number:** 2212WPA

**End of the application period:** 31<sup>th</sup> of January 2023

For the application please use the online form on the homepage:

<http://www.unileoben.ac.at/jobs>

The Rector:

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

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Art und Höhe der Beteiligung: Eigentum 100%. Grundlegende Richtung: Information der Öffentlichkeit in Angelegenheiten der Forschung und Lehre sowie der Organisation und Verwaltung der Montanuniversität Leoben sowie Veröffentlichung von Informationen nach § 20 Abs. 6 Universitätsgesetz 2002.