

## Special Issue

# Mineralogy and Geochemistry of Polymetallic Ore Deposits

### Message from the Guest Editors

Polymetallic ore deposits comprise most ore deposits, especially those of base metals. These deposits are also highly topical as they are the main source of many critical elements, such as In, Ge, Sb, and others. Consequently, many of these deposits are of great economic and strategic importance. Studying their mineralogy and geochemistry is essential to establish their genesis, exploration, and mineral processing. Therefore, their knowledge will be necessary to address the extraction of mineral resources in an optimal way, and, therefore, in accordance with the premises of sustainability. In this Special Issue, we will address the latest achievements in the mineralogy and geochemistry of polymetallic deposits, as tools to obtain information that will advance our understanding of the deposits, and, therefore, increase the availability of our mineral resources. Studies using the wide range of characterization techniques currently available (trace element chemistry, mineral chemistry, micro thermometry of fluid inclusions, stable isotopes, among others) are welcome.

### Guest Editors

Dr. Pura Alfonso

Departament Enginyeria Minera, Industrial i TIC, Universitat Politècnica de Catalunya, 08242 Manresa, Spain

Dr. Abdorrahman Rajabi

School of Geology, College of Science, University of Tehran, Tehran 1417614411, Iran

### Deadline for manuscript submissions

closed (30 November 2025)



## Minerals

an Open Access Journal  
by MDPI

Impact Factor 2.2  
CiteScore 4.4



[mdpi.com/si/192375](https://mdpi.com/si/192375)

*Minerals*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[minerals@mdpi.com](mailto:minerals@mdpi.com)

[mdpi.com/journal/  
minerals](https://mdpi.com/journal/minerals)





# Minerals

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.2  
CiteScore 4.4



[mdpi.com/journal/  
minerals](https://mdpi.com/journal/minerals)



## About the Journal

### Message from the Editor-in-Chief

*Minerals* welcomes submissions that report basic and applied research in mineralogy. Research areas of traditional interest are mineral deposits, mining, mineral processing and environmental mineralogy. The journal footprint also includes novel uses of elemental and isotopic analyses of minerals for petrology, geochronology and thermochronology, thermobarometry, ore genesis and sedimentary provenance. Contributions are encouraged in emerging research areas such as applications of quantitative mineralogy to the oil and gas, manufacturing, forensic science, climate change, geohazard and health sectors.

---

### Editor-in-Chief

Prof. Dr. Leonid Dubrovinsky

Bayerisches Geoinstitut, University Bayreuth, D-95440 Bayreuth,  
Germany

---

### Author Benefits

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), GeoRef, CaPlus / SciFinder, Inspec, Astrophysics Data System, AGRIS, and other databases.

#### Journal Rank:

JCR - Q2 (Mining and Mineral Processing) / CiteScore - Q1 (Geology)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.2 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).