



## Ore Mineralogy and Geochemistry of Rare Metal Deposits

Guest Editors:

**Prof. Dr. Vasilios Melfos**

Department of Mineralogy,  
Petrology and Economic  
Geology, Faculty of Geology,  
Aristotle University of  
Thessaloniki, 54124 Thessaloniki,  
Greece

**Prof. Dr. Panagiotis Voudouris**

Faculty of Geology &  
Geoenvironment, National and  
Kapodistrian University of  
Athens, University Campus, GR-  
15784 Athens, Greece

Deadline for manuscript  
submissions:

**closed (25 May 2021)**

### Message from the Guest Editors

Rare metals occur in diverse deposit types and are mined in substantial quantities that meet the world demands. By definition, rare-metal deposits hardly occur in technically and economically exploitable, worthy concentrations and have high monetary acquisition costs...This Special Issue welcomes contributions on original research which presents new data from rare-metal deposits, focusing mainly on mineralogy and mineral chemistry studied with several techniques, e.g., optical microscopy, Raman, SEM, EPMA, LA-ICP-MS, SIMS, TIMS, PIXE, PGNA, QEMSCAN, and others. We focus on the mineralogy of Bi, Ta, Co, V, Te, W, Se, Re, Ga, Ge, In, Cd, Hg, Li, Rb, Sr, Be, Y, Ce, Nd, Sc, Au, Ag, U, Th, the REE-Lanthanides, and the Platinum Group Elements (PGE). These data will contribute significantly to the knowledge about the distribution of rare metals in specific minerals for a possible future exploration and exploitation.





an Open Access Journal by MDPI

## Editor-in-Chief

**Prof. Dr. Leonid Dubrovinsky**  
Bayerisches Geoinstitut,  
University Bayreuth, D-95440  
Bayreuth, Germany

## 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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

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

**Journal Rank:** JCR - Q2 (*Geochemistry and Geophysics*) / CiteScore - Q2 (*Geology*)

## Contact Us

---

*Minerals* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/minerals](http://mdpi.com/journal/minerals)  
[minerals@mdpi.com](mailto:minerals@mdpi.com)  
[X@Minerals\\_MDPI/](https://twitter.com/Minerals_MDPI/)