



Mineralogy and Geochemistry of Polymetallic Ore Deposits

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Message from the Guest Editors

Dear Colleagues,

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.





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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.

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