



Genesis and Evolution of Pb-Zn-Ag Polymetallic Deposits: 2nd Edition

Guest Editors:

Prof. Dr. Yitian Wang

MNR Key Laboratory of Metallogeny and Mineral Assessment, Institute of Mineral Resources, Chinese Academy of Geological Sciences, Beijing 100037, China

Prof. Dr. Changqing Zhang

MNR Key Laboratory of Metallogeny and Mineral Assessment, Institute of Mineral Resources, Chinese Academy of Geological Sciences, Beijing 100037, China

Deadline for manuscript submissions:

17 January 2025

Message from the Guest Editors

Dear Colleagues,

The genetic types of Pb–Zn–Ag polymetallic deposits are diverse and complex, and usually associated with many valuable elements, such as Cu, Mo, Sb, Cd, Ga, Ge, In, Se, and Tl, etc. This Special Issue focuses on the in-depth study and new cognition of Pb–Zn–Ag polymetallic mineralization from different perspectives, including but not limited to source and evolution of ore-forming fluids, source and precipitation mechanism of metals, element occurrence in sulfide, remobilization of ore-forming elements, superimposed mineralization, metallogenic age, structural control of mineralization, tectonic setting, etc. Further, in the last twelve years or so, the extensive applications of high-precision in situ analytical techniques have helped to obtain more precise and accurate data, aiding us in developing a more in-depth understanding of the process and mechanism of metal mineralization. This Special Issue thus welcomes research on the application of novel technology to Pb–Zn–Ag polymetallic deposits. In addition, comprehensive reviews or summaries on Pb–Zn–Ag polymetallic deposits are also welcome.





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

mdpi.com/journal/minerals
minerals@mdpi.com
[X@Minerals_MDPI/](https://twitter.com/Minerals_MDPI/)