

Special Issue

Towards Sustainability in Extractive Metallurgy

Message from the Guest Editor

The field of extractive metallurgy continues to advance as higher grade orebodies are being depleted and waste becomes more complex to recycle. Both mineral processors and extractive metallurgists have made considerable advances in the last few decades in developing new technologies, which make it feasible to recover metals from these lower grade resources. In this regard, the purpose of this Special Issue is to invite researchers in this area to share their research via open access and, in this way, help the field progress. Papers are invited which present new ideas, research and technologies, which can lead to not only economic but more environmentally-friendly processes.

Keywords

- extractive metallurgy
- mineral processing
- pyrometallurgy
- hydrometallurgy
- waste
- recycling
- environment
- economics
- sustainability

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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.

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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).