

Special Issue

Mineralogical and Geochemical Characterization of Geological Materials

Message from the Guest Editors

This Special Issue of *Minerals* focuses on geological materials, including igneous (granite, diorite, gabbro, rhyolite, andesite, basalt, dolerite, volcanic breccia, and tuff), sedimentary (breccias, conglomerates, sandstones, shales, mudstones, siltstones, limestones, and dolomites) and metamorphic (slates, phyllites, schists, gneisses, marble, and quartzites) rocks and soils.

This Special Issue aims to serve as a milestone to promote and increase the knowledge of geological materials and their applications, and we encourage all experts to submit their contributions. Of special interest are the characterization and degradation state evaluation of rocks, soils and minerals; soil contamination/remediation; acid mine drainage; historical mining and cultural heritage materials, geoarchaeology, geoheritage, and industrial heritage related to mining; characterization techniques, new materials and methodologies, best practices and case studies; critical raw materials, mineral resources, ores, mineral deposits, and mining; exhausted mines and geological tourism.

We look forward to receiving your submissions.

Guest Editors

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Deadline for manuscript submissions

closed (31 July 2024)



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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.

Editor-in-Chief

Prof. Dr. Leonid Dubrovinsky

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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).