

Special Issue

Mineral Textural and Compositional Variations as a Tool for Understanding Magmatic Processes

Message from the Guest Editors

The main goal for this Special Issue is to collect different scientific contributions denoting how magma chamber processes and eruption dynamics studied either in laboratory or in nature can ultimately affect the evolutionary histories and petrographic complexities of igneous rocks. The Keywords are:

- magma chamber processes
- eruption dynamics
- magma crystallization
- magma degassing
- magma mixing
- magma-crust interaction
- magma cooling and decompression
- mineral textural evolutions
- bulk rock and mineral compositional changes

Guest Editors

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Deadline for manuscript submissions

closed (31 December 2020)



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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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Author Benefits

High Visibility:

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

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).