

Special Issue

Petrogenesis, Magmatism and Geodynamics of Orogenic Belts

Message from the Guest Editors

The formation of igneous rocks in orogenic belts is the response to the coupling of the crust–mantle material cycle and geodynamics. These structures represent important probes for revealing the growth mechanism of continental crust and associated deep geodynamic processes... Hence, *Minerals* is placing an open call for original research, methods, comprehensive summary and review papers and other types of submissions for a thematic Special Issue entitled “Petrogenesis, Magmatism and the Geodynamics of Orogenic Belts”. We particularly encourage (but are not limited to) contributions of the following issues:

- Magma sources and petrological diversity;
- Magmatic processes in crustal magma reservoir;
- Magmatic tempos in orogenic belts and their implications for crust growth;
- Mafic magmatism in different geodynamic processes;
- Numerical modelling approaches predicting the magmatic evolution and geochemical diversity.

Guest Editors

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Deadline for manuscript submissions

closed (31 March 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.

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Prof. Dr. Leonid Dubrovinsky

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.7 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).