



Granite: The Signature Rock of the Earth's Continental Crust

Guest Editors:

Dr. Hans-Jürgen Förster

Helmholtz Centre Potsdam
German, Research Centre for
Geosciences, GFZ DE-14473
Potsdam, Germany

Dr. Sven Fuchs

Helmholtz Centre Potsdam
German, Research Centre for
Geosciences, GFZ DE-14473
Potsdam, Germany

Deadline for manuscript
submissions:

closed (28 February 2022)

Message from the Guest Editors

Dear Colleagues,

Granite is the signature rock of the planet Earth. The continental crust of our planet has an average chemical composition that is approximately granitic. The Special issue is aimed at honoring the signature rock of the continental crust in all facets. We welcome contributions dealing with the mineralogy, geochemistry, stable and radiogenic isotope systematics, geochronology, ascent, origin, and tectonic setting of granitic rocks and their metamorphic equivalents. Appreciated are papers subjected to pegmatitic rocks and all types of ore mineralization genetically associated with granites. Equally welcome are studies devoted to the determination of their structural, physical, hydraulic, and thermal properties. This holds as well for geophysical works aimed at defining the size, extent, and shape of granite bodies, or dedicated to granitic rocks in the context of the study of the crustal temperature field and heat-flow determination. We specifically invite contributions focusing on granites for the storage of waste or as a geothermal resource for “green” heat and energy production.





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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.

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Journal Rank: JCR - Q2 (Mining and Mineral Processing) / CiteScore - Q1 (Geology)

Contact Us

Minerals Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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