



Mineralogy, Geochemistry, and Origin of Agate: An Ongoing Challenge

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Message from the Guest Editors

Dear Colleagues,

We are pleased to announce this Minerals Special Issue, which focuses on one of the most spectacular varieties of silica—agate.

Current studies on agates aim to determine: (1) the mechanisms of the silica deposition; (2) the source and temperature of parental fluids (i.e., magmatic versus meteoric waters); (3) the spatial and genetic relationship between particular silica phases (i.e., length-slow and length-fast chalcedony); and/or (4) the origin of colouration in particular chalcedonic bands.

Experimental data involving the formation of agates as well as miscellaneous mineralogical-geochemical and related studies on these deposits around the globe would be appreciated in the following issue.





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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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