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Carbonate Critical Zone Petrology, Mineralogy, and Geochemistry in Karst Systems

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Deadline for manuscript submissions:
closed (30 November 2021)

Message from the Guest Editors

This Special Issue invites contributions dealing with, but not limited to mineralogical, geochemical, and petrological aspects of carbonate karst systems, including their formation, evolution, and secondary processes, such as speleothem precipitation, carbon flux cycles, weathering and elemental transformation mechanisms (i.e., dolomitization, redox reactions, etc.), and advances and investigations involving environmental and paleoclimate reconstruction, geochronology development using new analytical techniques, contaminant transport tracing and remediation methods, and thermodynamic and biogeochemical processes influencing carbonate deposition and dissolution.

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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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