Special Issue

Advances in Induced Carbonate Precipitation

Message from the Guest Editors

This Special Issue “Advances in Induced Carbonate Precipitation” welcomes contributions related to the current frontiers in scientific understanding of induced carbonate precipitation, be it microbially, enzymatically, or any other biogeochemical method. Specific examples include but are not limited to the mineralogy of carbonates formed during induced carbonate precipitation; detailed characteristics of induced carbonate precipitates at molecular or micro scale; coupling effects between induced carbonate precipitation and the associated fluid flow, solute transport, and/or geomechanics; methods and procedures to control the spatial distribution of precipitates formed during induced carbonate precipitation; innovative methods to induce carbonate precipitation; and novel and innovative applications of induced carbonate precipitation.

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Deadline for manuscript submissions

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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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