

Special Issue

Carbon Dioxide Storage, Utilization & Reduction

Message from the Guest Editors

The latest Intergovernmental Panel on Climate Change (IPCC) evaluation highlights the responsibility of humans regarding climate change. Carbon capture, utilization, and storage (CCUS) introduces a range of efforts to reduce the amount of CO₂ release and mitigate its impacts on climate change. These efforts include surface and subsurface characterization of a targeted storage site; data analysis and modeling; engineering design and CO₂ capture analysis; risk assessment, mitigation, and monitoring; and commercial strategies. This Special Issue invites the scientific/engineering community to share its findings from research on carbon sequestration and efforts to achieve carbon management and storage.

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Deadline for manuscript submissions

closed (31 August 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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