Special Issue

Sedimentology, Petrography, Geochemistry and Geobiology of Marine Evaporitic Rocks

Message from the Guest Editors

We are collecting original contributions for this Special Issue devoted to marine evaporitic rocks...Since evaporite minerals are easily soluble, they can readily change their texture and composition after burial. For these reasons, diagenesis makes the interpretation of secondary evaporites controversial and the comprehension of the processes behind their formation can be tackled only using a multiproxy approach. This Special Issue welcomes contributions on all sedimentological, petrographical, and geochemical (organic and inorganic) aspects of marine primary and secondary evaporite rocks. Topics of interest include, but are not limited to:

- Basinal architecture of evaporite deposits;
- The control of water stratification, circulation, and mixing on evaporite deposition;
- Evaporites as an archive of ancient life;
- The role of evaporites (sulfates) in the global sulfur cycle;
- Primary versus secondary origin of evaporites;
- Evaporites as source rocks.

Guest Editors

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Deadline for manuscript submissions

closed (28 January 2022)

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mdpi.com/si/74149

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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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manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.2 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).

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