

## Special Issue

# Paleoenvironment Evolution Proxy in Carbonates: Sedimentary Geochemistry

### Message from the Guest Editor

The scope of the Special Issue covers a wide range of topics related to carbonate sedimentary geochemistry, such as: (1) Trace elements and isotopes as indicators of paleoweathering, paleosalinity, paleotemperature, paleoproductivity, paleoredox, and paleoceanography in carbonates. (2) Whole-rock mineral and clay mineral analyses as proxies for carbonate provenance, sedimentary facies, and diagenetic alterations. (3) Organic geochemistry and biomarkers as tools for tracing the origin, evolution, and diversity of organic matter in carbonates. (4) Statistical analyses and modeling of large-scale sedimentary geochemical datasets to reveal global and regional patterns and trends of environmental evolution in carbonates. (5) Case studies of carbonate sedimentary geochemistry from different geological periods, regions, and settings (e.g., marine, lacustrine, fluvial, glacial, etc.).

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### Guest Editor

Dr. Jinmin Song

State Key Laboratory of Oil and Gas Reservoir Geology and Exploitation, Chengdu University of Technology, Chengdu 610059, China

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### Deadline for manuscript submissions

closed (25 January 2025)



## Minerals

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*Minerals*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[minerals@mdpi.com](mailto:minerals@mdpi.com)

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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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### Editor-in-Chief

Prof. Dr. Leonid Dubrovinsky

Bayerisches Geoinstitut, University Bayreuth, D-95440 Bayreuth,  
Germany

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#### Journal Rank:

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.7 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).