

## Special Issue

# Carbonate Petrology and Geochemistry

### Message from the Guest Editors

The purpose of this Special Issue is to collect original research studies that can shed new light on the advances in stratigraphy, sedimentology, petrology, geochemistry, (paleo)climate, (paleo)oceanography and hydrogeology of carbonate rocks and/or sediments. Contributions may embrace a broad spectrum of topics, because this Special Issue aims to show a comprehensive and up-to-date perspective of past and recent carbonates, whilst taking into account the fact that carbonate research is more focused on the assessment of processes and genetic relationships between textures and mineralogical, and geochemical compositions. Topics of interest include, but are not limited to, the following: 1) the architecture and interpretation of carbonate outcrops; 2) the diagenetic and geochemical controls regarding carbonate deposition; 3) carbonate rocks or sediments as an archive of ancient/recent (paleo)-environmental changes; 4) role of carbonates in (paleo)oceanography and the global carbon cycle; 5) recognition of primary versus diagenetic overprint in carbonates; 6) carbonate significance as a source and reservoir rocks.

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### Guest Editors

Prof. Dr. Luis Miguel Nieto

Departamento de Geología and CEACTEMA, Universidad de Jaén, Campus Universitario, Edf. B-3., E-23071 Jaén, Spain

Prof. Dr. José Miguel Molina

Departamento de Geología and CEACTEMA, Universidad de Jaén, Campus Universitario, Edf. B-3., E-23071 Jaén, Spain

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### Deadline for manuscript submissions

closed (18 October 2023)



## 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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indexed within Scopus, SCIE (Web of Science), GEOBASE, GeoRef, CaPlus / SciFinder, Inspec, Astrophysics Data System, AGRIS, and other databases.

#### Journal Rank:

JCR - Q2 (Mining and Mineral Processing) / CiteScore - Q1 (Geology)

#### Rapid Publication:

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).