

## Special Issue

# Environmental Mineralogy, 2nd Edition

### Message from the Guest Editors

“Environmental mineralogy” has developed over the past decade in response to the recognition that minerals are unambiguously linked to not only the local and global ecosystem, but also geoengineering technology, including the disposal of hazardous and radioactive waste, treatment of acid mine drainage and wastewater, capture, and storage of carbon dioxide, construction using cement, slag, and fly ash, and the health effect of minerals. These cases cover the results of cutting-edge scientific research in many areas: (1) kinetics of dissolution, alteration, and formation of minerals; (2) pollutant uptake by and release from minerals; (3) geochemical buffering of acid-base and redox reactions by minerals; and (4) mineral-microbe interactions and so on. In this Special Issue, we seek to assemble a balanced combination of field, laboratory, and computational studies that represent recent advances and the future challenges in this field.

### Guest Editors

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### Deadline for manuscript submissions

closed (16 February 2024)



## Minerals

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Impact Factor 2.2  
CiteScore 4.4



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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

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### Author Benefits

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), 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 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).