

## Special Issue

# The Sources, Biological Factors and Migration Mechanisms of Metals and Metalloids in Aquatic Environments

### Message from the Guest Editor

Metals and metalloids in aquatic environments originate from both natural and anthropogenic sources... These processes introduce trace elements...as well as other toxic elements...into freshwater and marine ecosystems. Once present, metals and metalloids interact with biological components of the system...Migration mechanisms further regulate the environmental distribution of chemical elements...Together, these processes determine the fate, bioavailability, and ecological risk of heavy metals in aquatic systems...For submission to *Minerals*, manuscripts should focus on the geochemical, mineralogical, and environmental aspects of metals and metalloids, particularly those associated with mineral deposits, mining activities, and natural ore-forming processes. Studies should contribute to the knowledge of mineral resource characterization, the impacts of extraction, waste management, and the role of mineral phases in trace element mobility. Papers are expected to emphasize mineral-metal interactions, geological context, and processes influencing the occurrence, transformation, or remediation of mineral-derived contaminants.

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### Guest Editor

Dr. Lía Celina Méndez-Rodríguez  
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### Deadline for manuscript submissions

31 July 2026



## Minerals

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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

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#### High Visibility:

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).