

Special Issue

Metal Distribution and Mobility in Mine Area

Message from the Guest Editors

Studies dealing with new geological sources of critical raw materials (Co, Cu, Ni, REEs, etc.) with a focus on their distribution inside the ore are of great interest. Research on the weathering of conventional primary ores and on the mineralogy and chemistry of mine wastes is welcome. The impact of mines on metal distribution over time in fluvial and marine ecosystems is among the topics of this Special Issue, and the submission of manuscripts dealing with sequential extraction techniques and/or an evaluation of metal bioavailability is encouraged. Papers on treatment systems for mine waters and on the control of environmental quality with biomarkers (e.g., diatoms) are acknowledged.

Guest Editors

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Dr. Teresa Valente

Dr. Sergio Carrero

Deadline for manuscript submissions

closed (29 July 2022)



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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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Author Benefits

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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).