

Special Issue

Metallurgical Solid Waste: Mineralogy, Chemistry and Application/Treatment

Message from the Guest Editors

The objective of this Special Issue is to compile a collection of updated and profound studies that document recent advances in the bulk utilization of metallurgical solid waste. The issue will focus on the mineralogy research and application/treatment of metallurgical solid waste (steel slag, desulfurized fly ash, red mud, anode slime, tailings, etc.), including the cross-industry collaborative resource utilization of multi-source solid waste, and new near-zero waste approaches of metallurgy. Emphasis will be placed on recycling and reusing, as well as the sustainability and inexpensive production of high-value, clean products using metallurgical solid waste.

Guest Editors

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Deadline for manuscript submissions

closed (31 March 2023)



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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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Prof. Dr. Leonid Dubrovinsky

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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).