Special Issue

Circular Economy of Remining Secondary Raw Materials

Message from the Guest Editors

Large volumes of tailings from mineral processing and ashes from thermoelectric incineration processes are generated globally every year. These materials have in common their low particle size, and their remining is directly performed from landfills. Mine tailings may be rich in critical or strategic materials that were ignored, while ashes concentrate elements after the combustion of the organic matter. Therefore, the knowledge of the mineralogy and geochemistry of these materials is essential for their valorization and for contributing towards a Circular Economy. This Special Issue represents a cross-disciplinary appeal covering all aspects of remining secondary raw materials, including their characterization, recovery, and utilization. We invite researchers to contribute to this Special Issue: “Circular Economy of Remining Secondary Raw Materials”.

Guest Editors

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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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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).

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