Special Issue

Sustainable Use of Abandoned Mines, 2nd Edition

Message from the Guest Editors

Abandoned mines are a costly legacy for governments in countries or regions with a long history of mining. These mines present different types and magnitudes of environmental problems, public health and safety risks, and socio-economic concerns. Therefore, abandoned mine sites cannot be used or reused sustainably without effectively addressing their hazards. This makes the rehabilitation or repurposing of these mines for sustainable, alternative uses necessary. The sustainable uses of abandoned mines and their features can significantly help to address the socio-economic issues that they present. This Special Issue welcomes manuscripts on work conducted on the sustainable use of abandoned mines or their features. It covers topics such as (i) the characterization and prioritization of abandoned mines for rehabilitation, (ii) repurposing and reusing abandoned mines or features (e.g., mine waste dumps, underground mine workings, abandoned mine infrastructure, surface excavations, etc.), (iii) the selection of the appropriate rehabilitation and post-mining uses for sustainability, and (iv) the estimation of the costs of the rehabilitation and repurposing of abandoned mine sites.

Guest Editors

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Deadline for manuscript submissions

closed (28 February 2025)

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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.

Editor-in-Chief

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Journal Rank:

JCR - Q2 (Mining and Mineral Processing) / CiteScore - Q1 (Geology)

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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).

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