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Geochemistry, Environmental Impact and Remediation of Mining Areas

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Deadline for manuscript submissions:
closed (15 December 2023)

Message from the Guest Editors

Dear Colleagues,

This Special Issue aims to compile different contributions to the global portrayal of environmental impacts of abandoned mines, its geological and mineralogical controls, geochemical characterization of hazardous materials, mobility, speciation, bioavailability, environmental assessment, and mitigation and or remediation measures. Unconventional or less common approaches are warmly welcome.

Keywords include but not limit to:

- mine waste
- soil contamination
- potentially toxic elements
- water contamination
- pollution indices
- mine drainage
- acid drainage
- risk assessment
- remediation

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Guest Editors

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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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