

Special Issue

Sustainable Mineral and Metal Processing

Message from the Guest Editor

Mineral and metal processing often results in the generation of aqueous effluents that are treated and disposed in tailing ponds. A green transition of mineral and metal processing is key to reduce the environmental footprint of the mineral and metal sector. Therefore, it is necessary to develop innovative cost-effective processes to remediate sites via a waste valorization approach that aims to:

- Remediate contaminated sites;
- Recover clean water via energy efficient treatment of industrial effluents;
- Recover residual metals via environmentally friendly re-processing;
- Adsorb high impact contaminants from industrial effluents onto novel materials;
- Store CO₂ in tailings;
- Generate energy from effluents.

This Special Issue invites all research and practical works concerning, but not limited to, the aforementioned pillars of sustainable processing.

Guest Editor

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Deadline for manuscript submissions

closed (15 January 2024)



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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

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