



Sustainable Mineral and Metal Processing

Guest Editor:

Dr. Georgios Kolliopoulos

Department of Mining, Metallurgy
and Materials Engineering,
Université Laval, Quebec, QC G1V
0A6, Canada

Deadline for manuscript
submissions:

closed (15 January 2024)

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.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and
Applied Science, University of
Ontario Institute of Technology,
Oshawa, ON L1G 0C5, Canada

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. *Sustainability* publishes original research articles, review 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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, AGRIS, RePEc, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (*Environmental Studies*) / CiteScore - Q1 (Geography, Planning and Development)

Contact Us

Sustainability Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sustainability
sustainability@mdpi.com
[X@Sus_MDPI](https://twitter.com/Sus_MDPI)