

Special Issue

Green Technology for Metallurgy and Secondary Efficient Utilization of Polymetallic Mineral Resources

Message from the Guest Editors

The green technology for metallurgy cuts down waste production and increases efficiencies in the uses of resources and energy, and secondary efficient utilization of polymetallic mineral resources by applying physical separation methods, chemical methods. Thus, contributions are sought in presenting metallurgical processes to improve sustainability of metal-producing industries, emphasizing on approaches that minimize resource and energy consumption; improve materials recovery, reuse, and recycling. The issue aims to share solutions, novel ideas and technologies in mineral processing and extractive metallurgy to support the transition to a low carbon future.

The Issue welcomes papers addressing the following topics:

Hydrogen metallurgy;
Biomass or wastes as resources;
Cleaner production and technical processes;
Process intensification technology in metal-extraction;
Utilization technology of low-rank coal in metallurgy;
Separation and recovery technology of polymetallic or secondary resources;
Metallurgical pollutants emission reduction and treatment technology;
Environmental and sustainability assessment;
New technology of low-carbon metallurgy...

We look forward to your submissions.

Guest Editors

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Prof. Dr. Baozhong Ma

Dr. Yilin Wang

Dr. Jue Tang

Deadline for manuscript submissions

closed (28 November 2023)



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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. *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.

Editor-in-Chief

Prof. Dr. Marc A. Rosen

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