

## 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.

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### Guest Editors

Dr. Lingyun Yi

Prof. Dr. Baozhong Ma

Dr. Yilin Wang

Dr. Jue Tang

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### Deadline for manuscript submissions

closed (28 November 2023)



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### Editor-in-Chief

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