

Special Issue

Safe and Sustainable Management of Metal in Hazardous Wastes

Message from the Guest Editor

While hazardous waste poses a serious environmental challenge, it contains huge amounts of metals and can be used as a sustainable mining resource if managed and treated safely and correctly. This Special Issue aims to highlight the advanced techniques used for this purpose, including electrochemical and supercritical methods. We welcome papers on eco-friendly and green approaches such as hydrometallurgy, bioleaching, biological methods, and the use of green chemicals, as well as other traditional techniques and their development in this area. Finally, we are interested in studies of the environmental impacts of these technologies.

Guest Editor

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Deadline for manuscript submissions

closed (31 December 2023)



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About the Journal

Message from the Editorial Board

Metallic materials play a vital role in the economic life of modern societies; contributions are sought on fresh developments that enhance our understanding of the fundamental aspects related to the relationships between processing, properties and microstructure – disciplines in the metallurgical field ranging from processing, mechanical behavior, phase transitions and microstructural evolution, nanostructures, as well as unique metallic properties – inspire general and scholarly interest among the scientific community.

Editors-in-Chief

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