



Metal Removal and Recycling

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Message from the Guest Editors

Dear Colleagues,

It is impossible to conceive of daily life without the use of metals. For this reason, almost all people consider that metals exist somewhere and that they are easily obtained from any source. The situation is not as friendly as people imagine: some metals are scarce, others are critical, others are obtained from minerals. Therefore, and considering that metals come from exhaustible raw materials, it is necessary to develop efforts to encourage the recycling and reuse of post-consumer products and industrial waste, and also to eliminate those dangerous metals that may damage the environment, considering this in its broadest conception.

This Special Issue of *Metals* from the MDPI group explores the recovery of existing metals in waste and post-consumer products, with special emphasis on strategic metals (e.g., rare earths), toxic and precious metals, electronic scrap, batteries and scrap metal, among many other wastes and using techniques such as liquid–liquid extraction, electrochemical extraction, selective precipitation, ionic liquids, and many others. We invite you to send your contributions to this Special Issue.





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Message from the Editor-in-Chief

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.

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