



*metals*



an Open Access Journal by MDPI

## Processing and Characterization of Metal Containing Wastes

Guest Editor:

**Prof. Dr. Fernando Castro**

Department of Mechanical  
Engineering, Universidade do  
Minho, 4800-058 Guimarães,  
Portugal

Deadline for manuscript  
submissions:

**closed (31 March 2022)**

### Message from the Guest Editor

Dear Colleagues,

This Special Issue aims to address research on processes of metal recovery from wastes containing metals. Recycling processes, the use of physical and mechanical technologies, and chemical processes involving low or high temperatures are all of interest. Presentation of research on the inertization of hazardous wastes or similar processes is encouraged as well. This Issue also intends to include the presentation of studies on the characterization of wastes containing metals, not only to support the development of extraction, recycling, or inertization processes but also to further environmental and hazard assessments.



[mdpi.com/si/69577](https://mdpi.com/si/69577)

# Special Issue



an Open Access Journal by MDPI

## Editors-in-Chief

### **Prof. Dr. Hugo F. Lopez**

Department of Materials Science  
and Engineering, College of  
Engineering & Applied Science,  
University of Wisconsin-  
Milwaukee, 3200 N. Cramer  
Street, Milwaukee, WI 53211, USA

### **Prof. Dr. Yong Zhang**

Beijing Advanced Innovation  
Center of Materials Genome  
Engineering, State Key  
Laboratory for Advanced Metals  
and Materials, University of  
Science and Technology Beijing,  
30 Xueyuan Road, Beijing 100083,  
China

## 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.

## Author Benefits

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

**High Visibility:** indexed within **Scopus**, **SCIE (Web of Science)**, **Inspec**, **CAPlus / SciFinder**, and **other databases**.

**Journal Rank:** JCR - Q2 (*Metallurgy & Metallurgical Engineering*) / CiteScore - Q1 (*Metals and Alloys*)

## Contact Us

Metals Editorial Office  
MDPI, St. Alban-Anlage 26  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/metals](http://mdpi.com/journal/metals)  
[metals@mdpi.com](mailto:metals@mdpi.com)  
[X@Metals\\_MDPI](https://twitter.com/X@Metals_MDPI)