

## Special Issue

# Pyrometallurgy and Waste Recycling: Experiment and Simulation

### Message from the Guest Editor

With growing environmental concerns, scientists are now focusing their research efforts on the increasingly important problems of waste processing and the development of practical methods for its utilization. The creation of new, advanced materials using cutting-edge technologies necessitates the development of novel and significantly more complex recycling methods compared to those used for natural resources, presenting a substantial challenge for researchers in the field. The economic value of waste as a source of raw materials is a concept that has already achieved widespread recognition within both the manufacturing sector and the scientific community, signifying a significant shift in perspective towards resource management. The purpose of this Special Issue is to provide a detailed account of the methods that can be used for streamlined the processing and subsequent industrial and agricultural utilization of this waste, thus promoting resource recovery. This Special Issue presents scholarly insights into the latest technological advancements.

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### Guest Editor

Prof. Dr. Jei-Pil Wang

Department of Metallurgical Engineering, School of Engineering,  
Pukyong National University, Busan 48513, Republic of Korea

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### Deadline for manuscript submissions

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## Metals

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*Metals*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[metals@mdpi.com](mailto:metals@mdpi.com)

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## About the Journal

### 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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### Editor-in-Chief

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

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