



## Advances in Mineral Processing and Hydrometallurgy II

Guest Editors:

**Prof. Dr. Corby G. Anderson**

Kroll Institute for Extractive  
Metallurgy, Mining Engineering  
Department & George S. Ansell  
Department of Metallurgical and  
Materials Engineering, Colorado  
School of Mines, Golden, CO  
80401, USA

**Dr. Hao Cui**

Nevada Gold Mines, Elko, NV,  
USA

Deadline for manuscript  
submissions:

**30 September 2024**

### Message from the Guest Editors

Please consider submitting some of your excellent work in a Special Issue of *Metals* devoted to aspects of mineral processing and hydrometallurgy. This also includes characterization along with recycling and waste minimization. Possible topics include mineralogy, geometallurgy, thermodynamics, kinetics, comminution, classification, physical separations, liquid solid separations, leaching, solvent extraction, ion exchange, activated carbon, precipitation, reduction, process economics, and process control. Suggested application areas are in gold, silver, PGMs, aluminum, copper, zinc, lead, nickel, and titanium. Critical metals articles on topics such as lithium, antimony tellurium, gallium, germanium, cobalt, graphite, indium, and the Rare Earths are also welcomed. Both primary and recycled aspects will be considered. Thank you.





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)