Special Issue

Non-ferrous Metal Metallurgy and Its Cleaner Production

Message from the Guest Editors

Nonferrous metallurgy, focused on the extraction and processing of metals (such as lithium, aluminum, copper, lead, zinc, and tungsten), is integral for supplying raw materials to various high-tech industries. With the growing global demand, the environmental challenges associated with traditional metallurgical methods require innovative approaches. Cleaner production techniques are essential to reduce the ecological footprint while maintaining resource efficiency and economic viability. This Special Issue on "Nonferrous Metallurgy and its Cleaner Production" seeks high-quality works focusing on the latest novel and advanced metallurgy technologies for valuable metal extraction, separation, and production. Topics include the following:

- Efficient cleaner nonferrous metallurgical processes or unit operations;
- Extraction of valuable metals from secondary resources;
- Green resource recovery from industrial waste;
- Thermodynamics, kinetics, and modelling of sustainable processes.

Guest Editors

Dr. Leiting Shen
School of Metallurgy and Environment, Central South University, Changsha 410083, China

Dr. Changhong Wang
School of Metallurgy and Environment, Central South University, Changsha 410083, China

Deadline for manuscript submissions

31 August 2025

Processes

an Open Access Journal by MDPI

Impact Factor 2.8
CiteScore 5.5

mdpi.com/si/213284

Processes
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
processes@mdpi.com

mdpi.com/journal/processes

Processes

an Open Access Journal by MDPI

Impact Factor 2.8
CiteScore 5.5

mdpi.com/journal/processes

About the Journal

Message from the Editor-in-Chief

You are invited to contribute either a research article or a comprehensive review for consideration and publication in *Processes* (ISSN 2227-9717). *Processes* is published in open access format – research articles, reviews, and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited, free access to the content. As an open access journal, *Processes* is supported by the authors and their institutes through the payment of article processing charges (APCs) for accepted papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Giancarlo Cravotto
Department of Drug Science and Technology, University of Turin, Via P. Giuria 9, 10125 Turin, Italy

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), Ei Compendex, Inspec, AGRIS, and other databases.

Journal Rank:

CiteScore - Q2 (Chemical Engineering (miscellaneous))