

Special Issue

Extraction and Recovery of Valuable Metals from Waste and Mineral Materials

Message from the Guest Editors

This Special Issue on “Extraction and Recovery of Valuable Metals from Waste and Mineral Materials” aims to frame a comprehensive discussion and share data on the progress of the sustainable metallurgical processing of primary and secondary resources. This topic invites submissions on scientific discoveries and emerging technologies that enable the sustainable extraction, processing, and separation of valuable metals from unconventional sources. Topics include but are not limited to:

- Metal extraction from mine tailings, metallurgical residues, material scraps, and coal ash;
- Recovery of valuable metals from acid drainage and oil field brines;
- Processing and separation of valuable metals from unconventional sources;
- Thermodynamics, kinetics, and modelling of sustainable processes.

Guest Editors

Dr. Fiseha Tesfaye

Johan Gadolin Process Chemistry Centre, Åbo Akademi University, Henrikinkatu 2, 20500 Turku, Finland

Dr. Leiting Shen

School of Metallurgy and Environment, Central South University, Changsha 410083, China

Deadline for manuscript submissions

closed (20 October 2023)



Processes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.5



mdpi.com/si/135224

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

[mdpi.com/journal/
processes](https://mdpi.com/journal/processes)





Processes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.5



[mdpi.com/journal/
processes](https://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))