Process Analysis and Simulation in Extractive Metallurgy

Guest Editors:

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Deadline for manuscript submissions:
20 July 2024

Message from the Guest Editors

It is with pleasure that we invite submissions into the current Special Issue devoted to extractive metallurgy, featuring original research, review articles, and technical letters. Topics include, but are not limited to:

- Modelling and simulation of unit operations;
- Computational fluid mechanics and related simulations;
- Treatment of complex mineral feeds;
- Hybridization of hydrometallurgical and pyrometallurgical processes;
- Operations dynamics and scheduling of metallurgical plants;
- Application of materials characterization techniques such as XRD and electron microscopy;
- Computer-assisted process design;
- Logistical analysis of metallurgical supply chains;
- Coupling of recycling and extractive metallurgy;
- Integration of extraction processes with refining and/or alloying;
- Extractive metallurgical considerations within lifecycle analysis.

The Special Issue will contain articles covering both ferrous and nonferrous, including some coverage of critical elements.

Special Issue

Editor-in-Chief

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Message from the Editor-in-Chief

Processes (ISSN 2227-9717) provides an advanced forum for process/system-related research in chemistry, biology, material, energy, environment, food, pharmaceutical, manufacturing and allied engineering fields. The journal publishes regular research papers, communications, letters, short notes and reviews. Our aim is to encourage researchers to publish their experimental, theoretical and computational results in as much detail as necessary. There is no restriction on paper length or number of figures and tables.

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