

Special Issue

Towards Sustainable Metal Technologies: For Future Material Needs

Message from the Guest Editors

Metals play a critical role in the global economy as they are essential materials for modern manufacturing technologies. The production and most of the processing technologies of metals and alloys make a considerable contribution to industrial greenhouse gas emissions and global energy consumption. This Special Issue is dedicated to research that contributes to long-term sustainable development in the entire metal supply chain.

In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

Sustainable primary production of metals and alloys;
Recycling technologies of metals and alloys;
Alloy development and design for improved circularity;
Quality improvement of metallic materials and products to increase longevity;
Sustainability in metal processing technologies and materials technologies;
Recycling and reuse of metallurgical by-products;
Energy and resource efficiency in metal synthesis and processing;
Circularity in metal casting;
Structural integrity of sustainable metal structures.

Guest Editors

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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

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