

Special Issue

Ecoefficient Materials and Processes

Message from the Guest Editors

This Special Issue will focus on current and future development in decarbonizing high materials and carbon footprint processes. This includes innovation in energy and emission reduction, design manufacturing for recycling, and reuse. The keywords for the recommended topics are given below. However, the submissions for this Special Issue should not be limited to these. This Special Issue will build on the existing knowledge in the literature and report on advances in the area.

- climate smart mining
- green economy
- hydrogen economy
- industrial decarbonization: e.g., green steel, cement/concrete decarbonisation
- hydrogen iron making
- eco-communion
- critical elements recovery
- energy storage
- recycling; e-wastes energy and water nexus
- digital innovation
- techno-economic modelling
- battery recycling
- automotive wastes
- life cycle analysis
- nuclear energy
- safety protocols
- carbon utilisation
- catalysts for clean energy production
- waste heat recovery
- nano-materials; nanotechnology

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Deadline for manuscript submissions

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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.

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