

Special Issue

Sustainable Advanced Manufacturing and Materials Processing

Message from the Guest Editor

As the global manufacturing landscape evolves, the imperative to integrate sustainability into advanced materials processing and production systems becomes increasingly urgent. We invite contributions that explore sustainable practices in materials synthesis, nanostructuring, surface engineering, and clean fabrication technologies. Research addressing resource-efficient processing, green chemistry approaches, waste reduction, and circular material use is especially welcome. Both experimental and theoretical studies—including life cycle assessment (LCA), eco-design strategies, and renewable-material integration—are encouraged. We welcome submissions on topics including but not limited to:

- sustainable manufacturing
- green materials processing
- eco-design
- nanomaterials and sustainability
- life cycle assessment (LCA)
- resource efficiency
- circular economy in manufacturing
- energy-efficient technologies
- clean production
- surface engineering for sustainability

Guest Editor

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About the Journal

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. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full 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

Prof. Dr. Steve W. Lyon

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