Special Issue

Advanced Manufacturing for Sustainable and Renewable Energy Technologies

Message from the Guest Editors

This Special Issue covers a broad spectrum of topics related to innovative manufacturing methods, materials, and systems that contribute to the development of efficient, cost-effective, and green energy technologies. We welcome the submission of original research articles and reviews. Research areas may include (but are not limited to) the following:

- Sustainable materials and green manufacturing processes;
- Advanced manufacturing techniques for energy materials;
- Additive manufacturing and 3D printing for renewable energy applications;
- Smart manufacturing systems and Industry 4.0 applications in sustainable and renewable energy technologies;
- Manufacturing innovation for energy devices (e.g., solar cells, batteries, supercapacitors, thermoelectric generators, and triboelectric nanogenerators);
- Reviews of the state of the art in advanced manufacturing for sustainable and renewable energy technologies, including current knowledge and research needs.

We look forward to receiving your contributions.

Guest Editors

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Deadline for manuscript submissions

closed (31 July 2025)



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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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