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Advanced Manufacturing for Sustainable and Renewable Energy Technologies

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Deadline for manuscript submissions:

31 July 2025

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.









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Editor-in-Chief

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Message from the Editor-in-Chief

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