

Special Issue

Sustainable Additive Manufacturing: Design, Processes and Production Control

Message from the Guest Editors

This Special Issue aims to showcase state-of-the-art research and advancements in sustainable additive manufacturing, emphasizing the critical aspects of design, processes, and production control. We are seeking contributions that explore new approaches, methodologies, and technologies to reduce environmental impact, optimize resource utilization, and promote a more sustainable future for additive manufacturing. Potential topics of interest include, but are not limited to, the following:

- Innovations in eco-friendly materials for additive manufacturing;
- Energy-efficient and resource-conscious additive manufacturing processes;
- Life cycle assessments and environmental impact studies of additive manufacturing techniques;
- Integration of renewable energy sources in additive manufacturing facilities;
- Recycling and waste reduction strategies in additive manufacturing;
- Novel designs and strategies for enhancing material efficiency in additive manufacturing;
- Advances in real-time monitoring and control systems for sustainable production.

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Editor-in-Chief

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