

Special Issue

Additive Manufacturing and Sustainable Material Design

Message from the Guest Editors

Additive manufacturing (AM) is a very promising and quickly evolving technology. Currently, the fast development of AM technology comes with both opportunities and challenges. The uniqueness and complexity of AM and the surrounding industry ecological system bring more unknowns to the scientific and industrial communities. This Special Issue aims to integrate new ideas, concepts, findings and experimental/modeling tools as stepping stones for further development of AM technology. Topics from sustainable material/processing design to the application of AM products in practice will be explored. Research areas may include (but are not limited to) the following:

- Innovation in AM technology;
- Sustainable AM material design;
- AM material recycling and remanufacturing;
- AM material/processing design concepts and strategies;
- Processing–structure–property relationships in AM;
- Post-processing and surface engineering;
- AM product assessment;
- Green chemical techniques for AM;
- Bio-inspired 4D printing;
- Multifunctional structures.

Guest Editors

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Prof. Dr. Kui Wang
Prof. Dr. Said Ahzi

Deadline for manuscript submissions

closed (15 February 2024)



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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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