

Special Issue

Research Advances in Additive Manufacturing and Sustainable Industrial Engineering

Message from the Guest Editors

Additive manufacturing (AM) can promote sustainability by minimizing cost, waste, and inefficiency in manufacturing product chains. At the same time, specific issues such as energy consumption and material usage emerge when adapting such technologies to existing manufacturing chains, particularly in small batch production. A lack of methodologies, tools, and standards can in fact lead to adverse effects from a sustainability perspective. The present Special Issue aims to explore the boundaries for the sustainable implementation of additive technologies within current manufacturing practices. More specifically, this Special Issue aims to present novel ideas, concepts, recent progress, and technical tools supporting the sustainable use of AM. Particular attention will be paid to the search for new conceptual frameworks that are able to clarify the boundaries and potential for the sustainable implementation of AM. Likewise, technical assessments and insights into specific applications are welcome. Research articles and original reviews are welcome in this Special Issue. We look forward to receiving your contributions.

Guest Editors

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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.

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