

Special Issue

Sustainable Design in Advanced Manufacturing

Message from the Guest Editor

There is an inevitable need to develop technological innovations and sustainable design strategies that would encourage the advanced manufacturing sector to deploy cost-effective renewable energy solutions and harmonized production systems capable of better matching fluctuating customer demands while minimizing the environmental impacts.

This Special Issue aims to promote sustainable design strategies in the advanced manufacturing sector and proposes a collection of studies that combine the concepts mentioned above, namely:

Alternative/sustainable feedstocks; Decision-making methods in sustainable design; End-of-life cycle product management and analysis; Sustainable manufacturing design concepts and tools; Waste reduction and utilization of waste/byproduct streams; Advanced manufacturing process/product development and improvement; Low-temperature, low-energy manufacturing processes; Smart and advanced process control solutions and real-time monitoring; Design for sustainable manufacturing; Zero emissions manufacturing; Production optimization in sustainable manufacturing; Remanufacturing and recycling systems.

Guest Editor

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Deadline for manuscript submissions

closed (30 June 2022)



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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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