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Sustainable Product Design and Manufacturing

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Deadline for manuscript submissions:

closed (25 April 2021)

Message from the Guest Editors

This Special Issue is devoted to the broad field of sustainable product design and manufacturing, which requires simultaneous consideration of economic. environmental, and social aspects during the design, production, and delivery of goods, as well as strategies for product takeback and recovery. Such efforts will result in a deeper understanding of the optimal operational structure of product design and manufacturing systems for enabling a sustainable world. Our objective with this Special Issue is to collect papers that explore recent research into the concepts, methods, models, tools, and applications for sustainable product design and manufacturing. Topical areas for consideration include, but are not limited to. design for sustainable manufacturing; design sustainable solutions; sustainable product development; cleaner production; reconfigurable manufacturing systems; sustainable manufacturing with cyber-physical systems; smart factories; industrial energy use and efficiency; advanced energy technology; renewable manufacturing; resource and energy management; standardization and regulation for sustainable design and manufacturing; and related topics.









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Message from the Editor-in-Chief

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