



Advances in Sustainable Product Design under Industry 4.0: New Methods, Strategies, Perspectives and Practices

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Message from the Guest Editors

Accompanied by industrial and technological advancement, product design has also evolved to a systemic paradigm shift towards “human concerns” and “environmental considerations” (Design 3.0). Industry 4.0 describes the trend towards digitalization, network utilization, intellectualization, and decentralization of the production environment, enabling industries to enhance a product’s entire value chain over its lifecycle. As such, how to advance product design under the initiative of Industry 4.0 to achieve more economic, social, and environmental sustainability is a critical issue for both academia and industry. This Special Issue aims to address recent advances in sustainable product design under the auspices of Industry 4.0. We encourage researchers and practitioners to present original articles relevant to sustainable product design in the context of Industry 4.0, including new methods, strategies, perspectives, and practices. Review papers presenting the state-of-the-art of a research area and pointing out new further research directions are also welcome.





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