



Quantitative Methods for Sustainable Product Development

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Message from the Guest Editor

Dear Colleagues,

Today, sustainable product design requires holistic approaches involving the whole product life cycle. These approaches aim to improve models, metrics for sustainability evaluation, and optimization methods at the product, process, and system levels. Sustainable product design is one of crucial challenges for manufacturers to achieve sustainability. Consequently, there is the need to elaborate quantitative methods for measuring and monitoring sustainability, supporting sustainable manufacturing processes, and managing sustainable product development.

This Special Issue is concerned with exploring new directions in quantitative approaches dedicated to sustainable product development within the whole product life cycle. Moreover, this Special Issue aims to encourage discussion on developing and deploying quantitative methods for sustainability performance evaluation, sustainable product design, decision making for sustainable development, and product life cycle management. Manuscripts based on integrated and interdisciplinary approaches related to sustainable product development frameworks, technologies, and case studies are particularly welcome.





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Message from the Editor-in-Chief

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