



Cutting Edge Research on Sustainable Product and Systems Development

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Message from the Guest Editors

Dear Colleagues,

Climate change mitigation imposes urgent changes on new products and system design. The design of sustainable products involves holistic approaches, methodologies, and tools, namely within the paradigm of circular economy by ruling out waste and greenhouse gas emissions, and the application of R-Imperatives. In this context, precise evaluation and management of the product's life cycle, and related impacts (environmental, economic, social), can actively contribute to the achievement of sustainability of products' and systems' life spans and multiple use-phases. Regarding system design, new approaches and guidelines must be introduced, not just in terms of a new system design (e.g., production systems), but also to modify existent systems toward an extended life span, with the overall goal of reducing environmental impacts.

This Special Issue will comprise a selection of papers developing and deploying approaches, methods, and tools for assessing, designing, and managing products and systems from a cutting-edge sustainability perspective for contemporary challenges.





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Message from the Editor-in-Chief

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