



Sustainable Industrial Systems—from Theory to Practice

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Message from the Guest Editor

A great challenge for today's industrial sector is to meet all the targets set for reducing resource consumption and waste generation, while maintaining (or increasing) production output toward a viable economic development. In order to achieve that, industries should focus on implementing novel production methods, with an improved efficiency (in terms of energy, material, and water resource usage) which are at the same time environmentally benign and socially beneficial and acceptable. Moreover, industries should also aim to convert their production lines from linear to circular, by reusing resources, recycling waste streams and redesigning products, and adapting to the current paradigm shift of the circular economy.

The purpose of this Special Issue is to address issues of sustainability of industrial systems, from an economic, environmental and social perspective, focusing on real-life examples and applications. Manuscripts can address any step of the industrial value chain and lifecycle of products/services, from the development to the end of life stages. Researchers are encouraged to submit applied papers to explore the various aspects of sustainable industrial systems.





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Message from the Editor-in-Chief

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