



Optimization in Sustainable Production and Logistic Systems

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Message from the Guest Editors

Dear Colleagues,

During the last decades, integrating sustainability in production and logistic optimisation has become an important challenge due to legislation and society's pressures. Models and methods for performance optimization in production and logistic systems have to consider the environmental and social aspects nearby economical goals.

This special issue aims to display recent works (theoretical breakthrough, industrial cases or review) on quantitative models and methods for production and logistic systems that integrates the different dimensions of sustainability. The topics of interests are related to (but not limited to) the integration of objectives, variables and/or constraints in optimisation models of supply chain, production or logistic with considerations of:

- Energy efficiency, emission control and environmental impacts modelling in production and logistic optimisation models;
- Closed loop supply chain, reverse logistic, recycling and disassembly planning;
- Social impact, well-being at work and human interaction.





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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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