

Special Issue

Optimization in Logistics for Sustainable Supply Chain Management

Message from the Guest Editor

The current operation practices of logistics systems are becoming more and more complicated due to the changing demand of customers and the impact of global pandemic. As the world supply chain has been strongly affected by the pandemic since 2020, there is an urgent need to optimize logistics processes. Modelling advanced optimizations in logistics and supply chain practices is crucial in both the industrial world and the academic world. Utilizing Industry 4.0 technologies, we can achieve the goal of optimization in a sustainable and low-carbon way. All participants in logistics systems, including manufacturers, their supply chain partners, and customers, should strive to accomplish sustainable supply chain management. Detailed topics may include (but are not limited to) the following:

- Optimization modeling and its applications in logistics system and supply chain management;
- Decision support systems in supply chain management;
- Industry 4.0 technologies in supply chain management;
- Empirical research of sustainable logistics and supply chain management.

Guest Editor

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I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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