

Special Issue

Green Supply Chain Management and Optimization

Message from the Guest Editors

The ever-increasing pressure to conserve the environment from global warming cannot be overemphasized. Emissions from inventory and production processes contribute immensely to global warming, hence the need for operational managers to devise sustainable green inventory. In this Special Issue, all types of inventory model (single-item economic order quantity model, single-item economic production quantity model, multi-item inventory model, and multi-objective inventory model), with or without backorders, incorporating green investment in order to save the environment are of interest. Different objectives will be considered in this Special Issue for possible publication. The constraints include budget limitation, space restrictions, the cost of ordering each item, environmental waste disposal restrictions, cost of pollution control, electricity consumption cost during production, and cost of greenhouse gas emissions in the production process. This Special Issue welcomes contributions addressing different types of inventory models/supply chain models with respect to different demand patterns.

Guest Editors

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Deadline for manuscript submissions

closed (30 November 2022)



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Message from the Editor-in-Chief

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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