

Special Issue

System Dynamics Modeling for Green Supply Chain Management

Message from the Guest Editor

It is important to address environmental issues, together with SCM, in green supply chain management (GSCM). There is also a growing need for the integration of green practices into SCM research, not only to decrease the negative environmental impact of industrial development, but also to establish a competitive advantage through value creation. This Special Issue explores research perspectives and scientific approaches to identifying a set of System Dynamics Modeling practices and processes to achieve more competitive or efficient GSCM. The main research topics include:

- Closed-loop supply chains;
- SCM with reverse logistics flows;
- SCM with recycling processes;
- Green supply chain modeling;
- Inventory management and green supply chains;
- Information visibility and green supply chains;
- Product diversity and the environment;
- The use of parts recovery and material recycling for SC value creation;
- Purchasing, manufacturing, distribution, and green supply chains;
- Product-service systems and environment.

Guest Editor

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Message from the Editor-in-Chief

Systems is a leading venue for the quick and global dissemination of results of cutting-edge research in various areas of systems science and systems-related fields. An increasing number of researchers are realizing the enormous potential of systems thinking in managing the many unprecedented and complex issues in all areas of need. The *Systems* journal provides a home of exceptional quality for the manuscripts of these researchers who often find it difficult to publish their work in conventional discipline focused journals.

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