Operations and Supply Chain Management with the Application of Mathematical Models

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Deadline for manuscript submissions:
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Message from the Guest Editors

This current Special Issue is dedicated to the application of mathematical models in operations and supply chain management to deal with various operations and supply chain practices, and to develop efficient and effective actions that can be taken to improve operations and supply chain performance. We are looking for high-quality papers that explore state-of-the-art approaches and techniques in enabling sustainable operations and supply chain management (OSCM), as well as creative applications of mathematical models related to all aspects of OSCM. Potential topics include, but are not limited to:

1. Green operations and supply chain management;
2. Dual-channel supply chain management;
3. Supply chain financing;
4. Supply chain coordination;
5. Decision support for production planning and scheduling;
6. Simulation optimization approaches in OSCM;
7. Data-driven approaches in OSCM;
8. Logistics system in OSCM;
9. Supplier management and outsourcing in OSCM;
10. Supply chain risk management;
11. Healthcare supply chain management;
12. Mathematical approaches for product safety in OSCM;
13. Robust and resilient supply chains;
14. Transshipment problems in OSCM.

Special Issue

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Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

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