Special Issue

Advances in Operations Research for Logistic and Operations Management of Supply Chain Management

Message from the Guest Editor

A supply chain spans multiple echelons, including raw material suppliers, carriers, depots, small suppliers, manufacturers, distribution centers, intermediaries, and end customers. Advanced operations research techniques—exact, heuristic, and metaheuristic—address strategic, tactical, and operational aspects, tackling linear and non-linear supply chain problems. These methods aim to establish viable, sustainable, resilient, robust, and agile supply chains, integrating big data and modern technology. Viability ensures survival amid disruptions, considering environmental, social, and economic aspects aligned with the Sustainable Development Goals (SDGs). Resilience and robustness focus on recovery from disruptions, while agility emphasizes technological adaptation for rapid network recovery. This Special Issue seeks original research on advanced operations research techniques for supply chain management and logistics across diverse fields.

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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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