

Special Issue

Optimization and Models in Logistics

Message from the Guest Editor

The ever-changing production and service sector highlights the need to fulfill customer demands. Logistics and material handling operations have more importance in relation to purchasing, production, distribution, and reverse processes, and they have a significant impact on the strategic, tactical, and operative level of enterprise systems. The appropriate design of these logistics processes is generally based on optimization. This Special Issue intends to showcase the latest developments of optimization methods and their application in logistics-related fields. The main topics of this Special Issue include, but are not limited to, discrete events and the agent-based simulation of logistics systems, the heuristic and metaheuristic optimization of logistics systems, convex programming, integer programming, quadratic programming, non-linear programming, stochastic optimization, combinatorial optimization, space mapping, multi-objective optimization, etc. We invite researchers in the global logistics and mathematics community to contribute original research papers, as well as review articles and empirical studies, which will promote debate in the topic.

Guest Editor

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About the Journal

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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