Special Issue

New Advance in Operations Research and Analytics

Message from the Guest Editors

Operations research (OR) and analytics are two important scientific processes that are used to study, analyze, and translate data of complex problems into useful insights to make better decisions. As a result, this improves daily operations, enhances communication and information sharing, reduces waste, increases productivity and efficiency, and provides higher customer satisfaction. This Special Issue brings together state-of-the-art OR methods with their integration with analytics techniques such as machine learning to provide a collection of high-quality papers. We invite contributions for covering a wide range of topics, including (but not limited to): deterministic and stochastic mathematical models, linear programming, mixed integer linear programming, robust optimization, integrating mathematical models with supervised, unsupervised, and reinforcement machine learning methods, among others. We welcome papers that apply these methods to emerging real-world problems in the healthcare, finance, marketing, supply chain, and economy.

Guest Editors

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Deadline for manuscript submissions

closed (30 June 2024)

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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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