Special Issue

Applied Probability, Statistics and Operational Research

Message from the Guest Editors

In the era of big data, a significant amount of research efforts has been devoted to the inter-discipline of applied probability, statistics, and operations research, with new methodologies and theories developed to resolve real-life problems. The focus of this Special Issue is oriented toward, but not limited to, the asymptotic analysis and optimization of probabilistic models, the development of novel statistical inference methods, as well as the data-driven decision-making process. Applications of new analytical tools to interesting real-life scenarios are also welcome. This Special Issue aims to provide a platform for researchers in the three disciplines to share their recent advances related to the fields and discuss insights into future research opportunities and challenges.

Guest Editors

Dr. Tiandong Wang

Dr. Lizhen Lin

Dr. Zifeng Zhao

Deadline for manuscript submissions

closed (30 June 2025)

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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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