Special Issue

Mathematical and Computational Methods in Financial and Risk Forecasting

Message from the Guest Editors

We are pleased to invite you to contribute to this Special Issue, which focuses on the integration of advanced mathematical and computational techniques in financial innovation and risk management. It aims to advance our knowledge in applying mathematical and computational methods to financial and risk management challenges. It aligns with the journal's focus on combining theoretical and practical insights to solve real-world problems. In this Special Issue, we welcome original research articles and reviews that explore, but are not limited to, the following themes:

- Derivative pricing and trading strategies;
- Portfolio optimization and ETF analysis;
- Risk analytics and forecasting in finance;
- Artificial intelligence and machine learning applications;
- Computational methods in financial innovation;
- Digital asset management.

We look forward to receiving your contributions.

Guest Editors

Prof. Dr. Kuang-Hsun Shih

Prof. Dr. Shu-Ping Lin

Prof. Dr. Yi-Hsien Wang

Deadline for manuscript submissions

31 January 2026

MDPI

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.

Editor-in-Chief

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