



Applications of Quantitative Analysis in Financial Markets

Guest Editor:

Prof. Dr. Yongjie Zhang

College of Management and
Economics, Tianjin University,
Tianjin 300072, China

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Message from the Guest Editor

We invite researchers, academics, and practitioners to submit original research articles to a Special Issue of *Mathematics* entitled “Applications of Quantitative Analysis in Financial Markets”. The application of quantitative analysis in financial markets has grown significantly in recent years. With the use of advanced technologies, financial investors are increasingly relying on quantitative analysis to make informed investment decisions, manage risks, and optimize their portfolios’ performance. Governments are also guiding the development of financial markets through quantitative analysis, such as encouraging green finance and corporate social responsibility. These have led to an increased demand for research and analysis in this area. Based on the above background, we propose the following topics to consider:

- Portfolio optimization;
- Statistical analysis of financial data;
- Big data analytics in finance;
- Risk management and asset pricing;
- Environmental, social, and governance (ESG) factors in investment decision making;
- Modeling and simulation for green finance.





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Editor-in-Chief

Prof. Dr. Francisco Chiclana
School of Computer Science and
Informatics, De Montfort
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Leicester LE1 9BH, UK

Message from the Editor-in-Chief

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Mathematics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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