Special Issue

Mathematical Developments in Modeling Current Financial Phenomena

Message from the Guest Editors

We would like to invite you to submit your most recent research to this Special Issue, "*Mathematical Developments in Modeling Current Financial Phenomena*", in the journal *Mathematics*. This Special Issue aims to bridge the gap between advanced mathematical models and financial and economic research by providing a collection of articles illustrating the applicability of new mathematical tools and methods to a wide range of current financial challenges, such as, but not limited to, the mathematical modeling of financial market behavior; recession forecasting; behavioral finance models; asset allocation and portfolio theory; modeling in corporate finance; bankruptcy and failure prediction; sustainability issues, e.g., sustainable finance, sustainable growth, green finance, ESG, socially responsible investments; and fintech and digital finance, e.g., cryptocurrency, machine learning, Web 3.0, and financial big data analytics. We encourage the submission of research papers presenting novel results from modeling current financial phenomena using a logical, behavioral, institutional, and quantitative approach.

Guest Editors

Prof. Dr. Camelia Oprean-Stan
Faculty of Economic Sciences, Department of Finance and Accounting, Lucian Blaga University of Sibiu, 550324 Sibiu, Romania

Dr. Radu Voichita Adriana
Department of Statistics, Forecasting and Mathematics, Faculty of Economics and Business Administration, Babes Bolyai University of Cluj-Napoca, 400591 Cluj Napoca, Romania

Deadline for manuscript submissions

closed (20 May 2025)

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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

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

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