

Special Issue

Mathematical Modeling and Data-Driven Methods for Actuarial Science, Data Science, and Finance

Message from the Guest Editor

We are launching a Special Issue titled “Mathematical Modeling and Data-Driven Methods for Actuarial Science, Data Science, and Finance”. This special Issue aims to solicit academic papers covering the myriad facets of the analysis and modeling of actuarial science, data science and finance. This Special Issue will provide a dedicated, peer-reviewed platform for researchers to share insights and address challenges across these interdisciplinary areas. This Special Issue welcomes original research papers, methodological breakthroughs, and comprehensive review articles addressing a wide range of topics, including (but not limited to): Actuarial Science; Financial Mathematics; Quantitative Finance; Risk Management; Statistical and Machine Learning Algorithms; Stochastic Processes; Time Series Analysis.

Guest Editor

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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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Prof. Dr. Francisco Chiclana

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Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.4 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the first half of 2026).