Special Issue

Applications of Time Series Analysis

Message from the Guest Editor

Time series analysis, with its diverse applications spanning from finance to climate science and from medicine to marketing, plays a pivotal role in uncovering patterns, forecasting trends, and driving decision-making processes in various domains. We aim to explore innovative dimensions within this domain, delving into theoretical frameworks, potential applications, and the seamless integration with machine learning, neural networks (NNs), as well as recent breakthroughs in multivariate and high-dimensional analyses across various domains.

Guest Editor

Dr. Esam Mahdi

School of Mathematics and Statistics, Carleton University, Ottawa, ON K1S 5B6, Canada

Deadline for manuscript submissions

28 February 2026

$$\Sigma$$

Mathematics

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

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

Author Benefits

High Visibility:
indexed within Scopus, SCIE (Web of Science), RePEc, and other databases.

Journal Rank:
JCR - Q1 (Mathematics) / CiteScore - Q1 (General Mathematics)

Rapid Publication:
manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.3 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).

MDPI