Special Issue

New Challenges in Statistical Analysis and Multivariate Data Analysis

Message from the Guest Editors

This Special Issue welcomes high-quality original research and review articles focused on recent developments and ongoing challenges in statistical and multivariate data analysis. We encourage submissions that present novel methodologies, cutting-edge computational techniques, and interdisciplinary applications across fields such as environmental science, public health, economics, and the social sciences. Topics of interest include high-dimensional data analysis, robust and nonparametric methods, machine learning integration, and advanced multivariate modeling techniques. The goal of this Issue is to provide a platform for researchers and practitioners to share innovative ideas, promote cross-disciplinary collaboration, and contribute to the advancement of modern data analysis.

Guest Editors

Dr. Sungsu Kim
Resch School of Engineering, University of Wisconsin-Green Bay, Green Bay, WI, USA

Dr. Chi Seng Pun
School of Physical & Mathematical Sciences, Nanyang Technological University, Singapore City, Singapore

Deadline for manuscript submissions

31 May 2026

MDPI

Σ

Mathematics

mdpi.com/journal/
mathematics

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 18.4 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).

MDPI