

Special Issue

Applied Mathematics and Applications of Multi-Criteria Decision-Making Methods

Message from the Guest Editor

Multi-criteria decision-making (MCDM), a discipline where a dozen methods have been developed to solve decision problems involving more than one criterion (sometimes conflicting criteria), is still attracting the attention of researchers worldwide. One of the reasons for this is the flexibility of the methods that can be adapted to solve almost any decision problem, if not all. Decision problems solved via MCDM spread to diverse fields including computing, engineering, health and medicine, logistics and transportation, management, politics, and government, to name a few.

We are pleased to invite you to submit practical and original research for this Special Issue (SI) of *Mathematics* dedicated to MCDM. Within the scope of the journal, the research must focus on the mathematical modeling of MCDM: How were the criteria weights or alternative scores measured and obtained? How were these data treated? How were the results analyzed?

Studies from case researches are especially welcomed, since our aim is to publish papers on new applications of MCDM methods. Theoretical or methodological studies will also be accepted. Furthermore, literature reviews will be considered.

Guest Editor

Dr. Valério Salomon

School of Engineering and Sciences, Universidade Estadual Paulista, São Paul 01049-010, Brazil

Deadline for manuscript submissions

31 May 2026



Mathematics

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 4.6



mdpi.com/si/207754

Mathematics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
mathematics@mdpi.com

[mdpi.com/journal/
mathematics](https://mdpi.com/journal/mathematics)





Mathematics

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 4.6



[mdpi.com/journal/
mathematics](https://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 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).