Special Issue

Multi-Source Information Fusion and Fuzzy Uncertainty Reasoning in Interdisciplinary Applications

Message from the Guest Editor

We are pleased to announce this Special Issue in the journal *Mathematics* entitled "Multi-Source Information Fusion and Fuzzy Uncertainty Reasoning in Interdisciplinary Applications". This Special Issue focuses on the theoretical and methodological advances in multi-source information fusion and fuzzy uncertainty reasoning, with particular emphasis on their innovative applications across diverse disciplines. The integration of fuzzy set theory, uncertainty quantification, and decision theory has revolutionized approaches to complex problem-solving, especially in addressing real-world challenges that involve incomplete or imprecise information. This Special Issue will focus on the development of optimization techniques and mathematical analysis methods, while also emphasizing their applications in areas such as public governance, emergency management, disaster management, urban governance, public safety, risk analysis, and extreme climate response, supported by intelligent computing and generative artificial intelligence technologies.

Guest Editor

Dr. Liguo Fei

School of Political Science and Public Administration, Shandong University, Qingdao 266237, China

Deadline for manuscript submissions

31 March 2026

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