



Advances and Application of Fuzzy Sets, Decision Making and Soft Computing

Guest Editors:

Dr. Mijanur Rahaman Seikh

Department of Mathematics, Kazi
Nazrul University, Asansol
713340, India

Prof. Dr. Oscar Castillo

Division of Graduate Studies and
Research, Tijuana Institute of
Technology, Tijuana 22414,
Mexico

Deadline for manuscript
submissions:

closed (31 March 2024)

Message from the Guest Editors

Dear Colleagues,

The development of fuzzy set theory is still in its infancy, but it has undergone numerous diversifications. Academics and practitioners have granted considerable attention to fuzzy sets theory, which has been applied in a range of fields.

Soft computing, on the other hand, is a relatively novel paradigm that offers tools and techniques for handling incomplete and/or uncertain information regarding real-world problems. The theory of uncertainty depends heavily on fuzzy sets. For complicated linguistic and numerical modelling applications, fuzzy sets and soft computing offer a wide array of theoretical and practical tools.

This Special Issue aims to publish original or review articles that focus on the current advances in, methodologies, and applications of fuzzy set extensions. Special attention will be paid to research works that address practical problems with regard to the application of decision-making methods in fuzzy modeling, fuzzy information fusion, multi-criteria decision making, and soft computing. Contributions that attend to the following topics are particularly welcome :





an Open Access Journal by MDPI

Editor-in-Chief

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

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

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

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

Contact Us

Mathematics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/mathematics
mathematics@mdpi.com
[X@MathematicsMDPI](https://x.com/MathematicsMDPI)