



Soft Computing and Uncertainty Learning with Applications

Guest Editors:

Prof. Dr. Xiaodong Yue

School of Computer Engineering
and Science, Shanghai
University, Shanghai 200444,
China

Prof. Dr. Shu Zhao

School of Computer Science and
Technology, Anhui University,
Hefei 230601, China

Prof. Dr. Jie Zhou

College of Computer Science and
Software Engineering, Shenzhen
University, Shenzhen,
Guangdong 518060, China

Deadline for manuscript
submissions:

30 September 2024

Message from the Guest Editors

In recent years, soft computing methods have experienced rapid developments through being combined with machine learning and other artificial intelligence techniques, and have also achieved successful applications in various kinds of intelligent data analysis tasks.

This Special Issue will focus on recent theoretical and computational studies of soft computing models, algorithms, systems and applications. Topics include, but are not limited to:

1. Fundamental soft computing models.
2. Granular computing methodologies.
3. Three-way decision methodologies.
4. Uncertain and approximate reasoning.
5. Uncertain machine learning with soft computing.
6. Machine learning for uncertain data and knowledge.
7. Expert systems based on soft computing and machine learning.
8. Data applications of social media, business intelligence, medicine and healthcare, bioinformatics manufacturing, cybernetics and robotics, etc.

Crossfield theoretical studies and applications in soft computing and machine learning are particularly welcome in this Special Issue.





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, St. Alban-Anlage 66
4052 Basel, Switzerland

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

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