



Advanced Fuzzy Models in Economics

Guest Editors:

Prof. Dr. Ewa Roszkowska

Faculty of Economics and
Finance, University of Białystok,
15-062 Białystok, Poland

Prof. Dr. Krzysztof Piasecki

Institute of Economy and
Finance, WSB University in
Poznań, ul. Powstańców
Wielkopolskich 5, 61-895 Poznań,
Poland

**Dr. Aleksandra Wójcicka-
Wójtowicz**

Department of Operations
Research, Poznan University of
Economics and Business, 61-875
Poznan, Poland

Deadline for manuscript
submissions:

closed (31 January 2021)

Message from the Guest Editors

The objective of this Special Issue is to gather a collection of papers reflecting the latest developments in practical applications of the fuzzy mathematical tools. We invite authors to submit original research and review articles which give a deeper insight into the applications of fuzzy set theory in economics.

The proposed papers should present the advanced fuzzy systems related to the following directions of quantified economics development:

- Behavioral quantitative finance;
- Economic diagnosis;
- Economic forecasting;
- Financial mathematics;
- Mathematical economics;
- Multicriteria decision making;
- Negotiation and group decisions.

We will also take into consideration justified proposals of other significant directions of development of fuzzy mathematics which may be applied in economics. We are motivated by the overriding aim to indicate the connections between fuzzy systems and real economics.





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, 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)