Special Issue

Applications of Fuzzy Systems and Fuzzy Decision Making

Message from the Guest Editor

Over the years, significant developments have been made in fuzzy systems. Fuzzy logic can be applied in areas such as fuzzy clustering in image processing, classification, regression, and decision making; fuzzy control to map expert knowledge to control systems; fuzzy modeling to combine expert knowledge; and fuzzy optimization to solve development problems. An advanced fuzzy system is a flexible method of combining multiple conflicting, cooperative, and collaborative sets of knowledge. Combined with the features of artificial intelligence and decision-making systems, a number of studies have focused on the many applications of of fuzzy decision making. Those intelligent systems, together with other technologies, have opened up a new way of thinking, as well as new approaches to research, development, and application. This Special Issue aims to present the latest results on advances in fuzzy sets, fuzzy systems, decision making, and related applications.

Guest Editor

Prof. Dr. Diana Kalibatiene

Department of Information Systems, Faculty of Fundamental Sciences, Vilnius Gediminas Technical University, LT-10223 Vilnius, Lithuania

Deadline for manuscript submissions

20 October 2025

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/si/185319

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

mdpi.com/journal/applsci

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/journal/applsci

MDPI

About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy

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), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)