Applications of Fuzzy Systems and Fuzzy Decision Making

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

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.

Special Issue

Editor-in-Chief

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

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.

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