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

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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 realworld 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: :

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Message from the Editor-in-Chief

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