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Application of Fuzzy Logic Algorithms and Grey Systems Theory in Decision-Making

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Deadline for manuscript submissions:

closed (20 March 2020)

Message from the Guest Editors

Both fuzzy logic and grey systems theory have been used over the years for modeling and improving the decision-making process within various applications from the economic field. Because of the competitive environment in which the economic agents act, the need for new and more applicable methods and techniques arise, in order to properly assist the decision-maker in selecting the best alternative, adapt to the market, ensure its business' sustainability, or increase its economic performance.

The Special Issue invites original research papers that address new applications of fuzzy logic and grey systems theory in the decision-making process, in order to enhance or to produce new and flexible methodologies that can be used for properly and realistically modelling a variety of concrete situations related to decision-making. Also, the authors are encouraged to submit papers addressing the state-of-the-art and recent advancements in the areas, providing useful guidelines for future research directions.



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Special Issue