



## Fuzzy Mathematics Applied to Science, Engineering and Sustainability Issues

Guest Editors:

**Prof. Dr. John N Mordeson**

Department of Mathematics,  
Creighton University, Omaha, NE  
68178, USA

**Dr. Sunil Mathew**

Department of Mathematics, East  
Block, NIT Calicut, Kerala, India

Deadline for manuscript  
submissions:  
**closed (25 August 2020)**

### Message from the Guest Editors

Dear Colleagues,

Fuzzy mathematics, also called mathematics of uncertainty, gifted to humanity by Zadeh in the second half of the 20th century, is now established as one of the most important tools in dealing with imprecision and vagueness. The consequences of this theory can be seen in almost all major areas of Mathematics, Science, Economics, and Technology. The applications of this theory are also widespread in different areas including Artificial intelligence, Networks, Robotics, and Control theory. Most of the algebraic, analytic, topological, and discrete structures in mathematics possess “fuzzy” counterparts.

Further, mathematics of uncertainty is used to analyze the relationship between the sustainable development goals and human trafficking. The members of all United Nation States agreed to the 2030 Agenda for Sustainable Development. The 17 Sustainable Development Goals (SDGs) address five broad areas of critical importance: people, planet, prosperity, peace, and partnership. As an overarching principle...





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## Editor-in-Chief

### Prof. Dr. Sergei D. Odintsov

1. Institució Catalana de Recerca  
i Estudis Avançats (ICREA),  
Passeig Luis Companys, 23,  
08010 Barcelona, Spain  
2. Institute of Space Sciences  
(ICE-CSIC), C. Can Magrans s/n,  
08193 Barcelona, Spain

## Message from the Editor-in-Chief

Symmetry is ultimately the most important concept in natural sciences. It is not surprising then that very basic and fundamental research achievements are related to symmetry. For instance, the Nobel Prize in Physics 1979 (Glashow, Salam, Weinberg) was received for a unified symmetry description of electromagnetic and weak interactions, while the Nobel Prize in Physics 2008 (Nambu, Kobayashi, Maskawa) was received for the discovery of the mechanism of spontaneous breaking of symmetry, including CP symmetry. Our journal is named *Symmetry* and it manifests its fundamental role in nature.

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*Symmetry* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
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