Journal of Risk Analysis and Crisis Response
ISSN Print: 2210-8491 ISSN Online: 2210-8505

JRACR

INFUS 2021 Special Issue of JRACR on Fuzzy Techniques for Risk Analyses under Emerging Conditions

CALL FOR PAPERS

October 25, 2021

Emerging conditions such as pandemic, wars, natural disasters, and various high technologies force us for significant changes in our business and social life. Pandemic caused all of us to live under quarantine for a certain period and serious restrictions in our business and social life. We clearly saw how important digital technologies are and how great the need for them is during this period. Digital transformation is the adoption of digital technologies to transform services or businesses, through replacing non-digital or manual processes with digital processes or replacing older digital technology with newer digital technologies. This may enable - in addition to efficiency via automation - new types of innovation and creativity, rather than simply enhancing and supporting traditional methods. This special issue focuses on revealing the reflection of digital transformation in our business and social life under emerging conditions through intelligent and fuzzy systems. This special issue is on the theory and practice of fuzzy techniques for smart and innovative solutions. Topics of interest include, but are not limited to, the followings:

Theoretical and/or practical developments of the followings for emerging conditions and digital transformation:

- Type-2 Fuzzy Sets
- Hesitant Fuzzy Sets
- Intuitionistic Fuzzy Sets
- Spherical Fuzzy Sets
- Picture Fuzzy Sets
- Pythagorean Fuzzy Sets
- Q-rung Orthopair Fuzzy Sets
- Neutrosophic Sets
- Fermatean Fuzzy Sets

and integration of fuzzy sets theory with the followings for smart and innovative solutions:

- Bayesian Networks
- Chaotic Systems

- Combinatorial Search
- Complex Systems
- Distributed Artificial Intelligence
- Embedded Systems
- Evolutionary Systems
- Genetic Algorithms
- Genetic Programming
- Machine Learning
- Multi-Agent Systems
- Neural Fuzzy Systems
- Neural Genetic Systems
- Neural Network
- Pattern Recognition
- Qualitative Reasoning
- Quantum Computing
- Reinforcement Learning
- Support Vector Machines
- Swarm Intelligence

Special Issue Important Dates

Deadline for submission of papers: November 15, 2021
The end of the first round: January 15, 2022
The end of the second round: March 15, 2022
Deadline for the acceptance / rejection decisions: April 15, 2022

Guest Editor

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