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Artificial Intelligence and Decision Support Systems

Guest Editor:

Dr. Wojciech Sałabun

Department of Artificial Intelligence method and Applied Mathematics, Faculty of Computer Science and Information Technology, West Pomeranian University of Technology, Szczecin, ul. Żołnierska 49, 71-210 Szczecin, Poland

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Message from the Guest Editor

Dear Colleagues,

Intelligent decision support systems are used to make better reliable decisions. However, it is a tough challenge because it requires the engagement of many opposing criteria. In addition to classical multi-criteria decisionmaking (MCDM) methods, artificial intelligence (AI) methods are also used. The modern approach involves using artificial intelligence methods for handling uncertainty data.

In both individual and group decision-making, attention must be paid to the complexity of the decision-making problem itself, and, thus, to the procedure complexity that is designed to select the best decisions from a set of candidate solutions or to establish a ranking. Moreover, new methods and modifications of existing ones are realized to utilize uncertain data to obtain reliable rankings effectively.

Therefore, the purpose of this Special Issue is to present the latest developments in artificial intelligence, MCDM methods, and new algorithms for decision support systems. Investigators in the field are invited to contribute their original, unpublished theoretical, and applied works. Both research and review papers are welcome.

Dr. Wojciech Sałabun *Guest Editor*







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Editor-in-Chief

Prof. Dr. Willy Susilo

School of Computer Science and Software Engineering, University of Wollongong, Northfields Avenue, Wollongong, NSW 2522, Australia

Message from the Editor-in-Chief

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