Special Issue

Artificial Intelligence and Decision Support Systems

Message from the Guest Editor

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 decision-making (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 Investigators in the field are invited to contribute their original, unpublished theoretical, and applied works.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.

Guest Editor

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Message from the Editor-in-Chief

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