



Artificial Intelligence and Decision Support Systems

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Message from the Guest Editors

Artificial Intelligence (AI) has quickly become an essential tool for decision making across various domains. In particular, Decision Support Systems (DSS) have enhanced decision making by leveraging AI techniques to analyze complex data, automate processes, and provide valuable recommendations, unlocking new capabilities for data analysis, pattern recognition, and prediction.

We invite researchers, practitioners, and academics from diverse disciplines to contribute original and innovative research papers to this Special Issue, presenting state-of-the-art technologies, methodologies, and case studies related to AI and its application in DSSs. We welcome papers covering any aspect of AI in DSS, including, but not limited to, the following topics:

Machine learning and deep learning techniques for decision support;
Knowledge-based DSSs;
Explainable AI in decision support;
Intelligent data analytics and visualization for decision making;
Ethical considerations and social implications of AI in decision making;
Intelligent DSSs in human-computer interaction;
Intelligent DSSs in practical domains (e.g., healthcare, finance, and supply chain management).





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Message from the Editor-in-Chief

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