

## Special Issue

# Artificial Intelligence and Decision Support Systems

### 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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### Guest Editors

Dr. Marco Guazzzone

Dr. Manuel Striani

Prof. Dr. Stefania Montani

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### Deadline for manuscript submissions

closed (31 July 2025)

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## Information

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## About the Journal

### Message from the Editor-in-Chief

The concept of *Information* is to disseminate scientific results achieved via experiments and theoretical results in depth. It is very important to enable researchers and practitioners to learn new technology and findings that enable development in the applied field.

*Information* is an online open access journal of information science and technology, data, knowledge and communication. It publishes reviews, regular research papers and short communications. We invite high quality work, and our review and publication processing is very efficient.

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### Editor-in-Chief

Prof. Dr. Willy Susilo

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