Special Issue

Artificial Intelligence in the Integration of Information Systems: Current Trends and Future Opportunities

Message from the Guest Editors

This Special Issue explores the pivotal role of artificial intelligence (AI) in integrating diverse information systems—to create a more sustainable future. We seek contributions that examine the interfaces at which these systems converge, share data, and interoperate, leading to AI-driven advancements. In this Special Issue, original research articles and reviews are welcome. We seek contributions that demonstrate how artificial intelligence drives the integration and enhancement of information systems to achieve tangible sustainability outcomes. Topics of interest include, but are not limited to,

- **AI in Environmental Information Systems;**
- **AI-Powered Tools for Energy Efficiency via Information Systems;**
- **Machine Learning for Waste Reduction and Recycling through Information Systems;**
- **AI in Climate Modeling and Carbon Footprint Analysis using Enterprise Information Systems;**
- **Green AI Algorithms and Architectures for Sustainable Information Systems;**
- **AI-Enhanced Decision-Making via Integrated Information Systems for Sustainability;**
- **AI in Natural Resource Management Information Systems;**
- **AI for ESG Data Integration and Reporting Data through Information Systems.**

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Message from the Editor-in-Chief

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