

Special Issue

Advances in Intelligent Systems: Innovation and Applications

Message from the Guest Editors

Intelligent systems have become integral to solving complex real-world problems across multiple disciplines. The Special Issue encourages submissions that explore the intersection of multiple intelligent system paradigms. We welcome both contributions that demonstrate the effectiveness of intelligent systems in solving practical challenges. Research areas of interest include the development of scalable multi-agent architectures for complex problem domains, innovative methodologies for handling uncertainty and incomplete information, and intelligent systems that can adapt to dynamic environments. We also welcome papers that address ethical considerations, explainability, and trustworthiness in the deployment of intelligent systems. Topics include, but are not limited to, the following: Multi-Agent Systems (MAS); LLM-based Intelligent Agents; Advanced Methodologies; Adaptive and Learning Systems; Intelligent Decision Support; Computational Intelligence. Keywords

- multi-agent systems
- LLM-based agents
- machine learning
- optimization algorithms
- autonomous systems
- swarm intelligence
- reinforcement learning
- decision support systems
- smart systems
- pattern recognition

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Deadline for manuscript submissions

closed (20 February 2026)



Applied Sciences

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CiteScore 5.5



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About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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