

Special Issue

State-of-the-Art of Intelligent Decision Support Systems

Message from the Guest Editors

In the era of digital transformation, the confluence of advanced technologies has revolutionized the landscape of decision-making. The integration of artificial intelligence with Decision Support Systems (DSS) has given rise to Intelligent Decision Support Systems (IDSS) that are pivotal in navigating intricate, evolving, and ambiguous situations. These systems harness the power of sophisticated algorithms, including machine learning, robust classification, and role-based collaboration, to empower stakeholders with informed decision-making capabilities. The sophistication of neural networks and natural language processing techniques within IDSS has illuminated previously opaque data interdependencies, thereby enhancing the precision of decision-making outputs across industries such as healthcare, finance, and autonomous systems. In light of these developments, we are pleased to announce the call for papers for this Special Issue which is dedicated to showcasing the forefront of research and practice in IDSS. Our focus is to delineate the breakthroughs in adaptive and intelligent decision-making, emphasizing the synergy between these advanced technologies and their applications.

Guest Editors

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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.

Editor-in-Chief

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