



Ontology Engineering and Knowledge Graphs Design in Decision Support Systems: Novel Advances and Use-Cases

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Message from the Guest Editor

Dear Colleagues,

Decision support systems have been developed in several domains (healthcare, industry, etc.) to solve problems and help in decision making, knowledge representation often playing an important role in these systems. Knowledge can be represented in knowledge graphs as well as structured formats such as ontologies, which ease search and reasoning tasks.

This Special Issue invites original, high-quality work presenting novel research and/or real use cases regarding ontology engineering, knowledge graph design, management and querying and their use in decision support systems.

Topics for this Special Issue include, but are not limited to, novel advances in:

- Ontology engineering and reasoning for decision making;
- Knowledge integration, representation and inference;
- Heterogenous data integration (multi-scale, multi-modal, etc.);
- Knowledge graphs construction, management and querying for decision support systems;
- Domain applications in healthcare, imaging, environment, industry, etc.





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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.

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