



## Latest Advances and Applications of Multi-Objective Optimization Techniques

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### Message from the Guest Editors

Dear Colleagues,

As human society develops, various optimization algorithms are designed and widely applied in different areas. When facing conflicting objectives, evolutionary multi-objective optimization techniques efficiently address these complicated scenarios with black-box search/optimization. This Special Issue focuses on the latest advances and applications of multi-objective optimization for various real-world theoretical and practical issues. Potential topics include, but are not limited to, the following:

- Multi-agent systems; Social computation;
- Data-driven multi-objective computation;
- High-dimensional and many-objective algorithms;
- Evolutionary learning for combinatorial optimization;
- Transport scheduling;
- Automated heuristic design;
- Data-driven multi-objective optimization;
- Parallelized multi-objective optimization;
- Many-objective multi-objective optimization;
- Large-scale multi-objective optimization;
- Machine learning architecture optimization;
- Application of multi-objective optimization bioinformatics, intelligent transportation, smart city, smart sensor networks, cybersecurity, and other critical application areas.





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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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