



## Advances in Combinatorial Optimization and Discrete Mathematics with Applications

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**closed (31 March 2025)**

### Message from the Guest Editors

Dear Colleagues,

This Special Issue is devoted to state-of-the-art research on combinatorial optimization and overall discrete mathematics, particularly applications related to both. Therefore, the guest editors wish to provide a platform for the presentation of the latest advances in all aspects of combinatorial optimization and discrete mathematics, especially those dealing with practical applications. Among the topics that this Special Issue aims to address, we may consider such as those mentioned in the nonexhaustive list below:

Mathematical models for combinatorial optimization problems (COPs), such as job shop scheduling, knapsack problems, bin packing, traveling thief, balanced partition, constraint satisfaction, etc., representing a contribution to the field (such as more general models or novel hybrid models); solution approaches for tackling COPs; application of current COPs to real-life problems; modeling of complex environments (such as robotic mobile fulfilment systems) as COPs; mathematical methods for tackling COPs; etc.





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## Message from the Editor-in-Chief

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