

## Special Issue

# Advances in Capacitated Vehicle Routing Problem—Models, Methods, Applications and New Challenges

### Message from the Guest Editors

The capacitated vehicle routing problem is a key to efficient distribution, transportation and supply-chain coordination. Currently, due to the development of means of transport, the concept of a vehicle is much broader. The CVRP has a large number of real-life applications and comes in many variants, depending on the type of task, the objective, the time frames and the types of constraints that must be met. The CVRP is a computationally hard discrete optimization problem. Outside of transportation, logistics and supply chains, the CVRP has less intuitive but still important applications.

For this Special Issue titled “Advances in Capacitated Vehicle Routing Problem—Models, Methods, Applications and New Challenges”, we invite authors to submit articles that take up the discussion and present solutions in the field of models, methods, applications and new challenges for the CVRP. Keywords

- Supply chains
- Urban transportation
- Last-mile logistics
- Allocation of resources
- Multi-modal processes
- AI-driven approach to modeling and solving CVRP
- UAV fleet routing and scheduling
- Milk-run systems
- Dynamic routing and scheduling
- Fuzzy CVRP

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### Guest Editors

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**Deadline for manuscript submissions**



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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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### Editor-in-Chief

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