



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

Guest Editors:

**Dr. Jarosław Wikarek**

Department of Electrical Engineering and Computer Science, Kielce University of Technology, Kielce, Poland

**Prof. Dr. Paweł Sitek**

Department of Control and Management Systems, Kielce University of Technology, 25-314 Kielce, Poland

Deadline for manuscript submissions:

**closed (10 November 2022)**

### 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





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**Prof. Dr. Giulio Nicola Cerullo**  
Dipartimento di Fisica,  
Politecnico di Milano, Piazza L.  
da Vinci 32, 20133 Milano, Italy

## Message from the Editor-in-Chief

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*Applied Sciences* Editorial Office  
MDPI, Grosspeteranlage 5  
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