

## Special Issue

# Modeling and Optimization of Transportation and Logistics System

### Message from the Guest Editors

The increasing complexity of transportation and logistics systems, coupled with the rapid evolution of digital technologies, calls for innovative approaches in designing solutions that can enhance mobility and freight transport using artificial intelligence environments. The advent of Logistics 4.0, characterized by the integration of the Internet of Things, digital twins, big data analytics, cloud computing, automation, and robotics, has redefined mobility networks and supply chain operations. However, the transition towards intelligent, adaptive, and sustainable logistics requires advanced methodologies and interdisciplinary collaboration. This Special Issue focuses on simulation-based optimization and agent-based modeling as key tools for tackling the challenges of modern transportation systems. These methods enable us to explore complex interactions, non-standard or emergency behaviors, dynamic demand patterns, and real-time decision-making processes in logistics and mobility networks. We look forward to receiving your submissions and engaging in a stimulating academic exchange.

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### Guest Editors

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### Deadline for manuscript submissions

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## Systems

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