

## Special Issue

# Autonomous Systems and Intelligent Transportation Systems

### Message from the Guest Editors

The transportation system is a large-scale complex and structured system that impacts almost all of the components of a local society. The transportation system is also recognized as one of the largest contributors to emissions. Intelligent transportation systems (ITS) have emerged as the integration of advanced transportation technologies to crucially contribute to a greener, safer, and more efficient future transportation system. On the other hand, autonomous systems will transform ITS with several technological enablers such as vehicle IoT, big data, autonomous driving, machine learning, and advanced networked control methods to accomplish safer, coordinated, and sustainable traffic management. This Special Issue covers different topics that address the most recent advances in autonomous systems for ITS.:

- Autonomous driving for sustainable ITS
- Multiagent machine learning for large-scale traffic flow control
- Traffic management through the vehicular to everything communication (V2X)
- Decision-making for vehicular networks in dynamic environment
- Federated learning-based ITS
- Cloud and Fog computing for decision-making in ITS
- Real-time network optimization in ITS

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### Guest Editors

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### Deadline for manuscript submissions

closed (5 April 2024)



## Sustainability

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### Editor-in-Chief

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