



## **Innovative and Sustainable Planning, Control and Optimization Methods for Urban Transportation System**

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### **Message from the Guest Editors**

Urban residents hope to improve the efficiency of the transportation system in order to reduce travel time. Conversely, transportation systems inevitably produce carbon emissions and affect the social environment. In recent years, the ownership of electric vehicles and connected autonomous vehicles has continued to increase, which can not only significantly reduce the carbon emissions of vehicles, but also make urban transportation smarter. As such, scholars must propose more innovative methods for urban transportation systems in order to improve the efficiency and sustainability simultaneously. In this Special Issue, we invite researchers to submit research and reviews related to urban transportation systems. Potential topics include, but are not limited to, the following:

Electrified transportation system

Sustainable transit system

Multi-mode transportation system

Adaptive traffic signal control

Data mining and big data in transportation system

Urban transportation infrastructure planning

Innovative methods for traffic safety and operations

Environmental impacts of transportation system

Eco-friendly mobility for urban vehicles





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