

Special Issue

Planning and Optimization of Sustainable Transportation in Smart Cities

Message from the Guest Editors

In this era of climate change, rapid urbanization, and emerging social inequality, modern cities face serious challenges that could impact their sustainability and efficiency. Increased reliance on automobiles has led to intense traffic congestion and inadequate public transport services, as well as health and environmental consequences such as oil scarcity, air quality deterioration, and greenhouse gas emissions. Such negative impacts resulting from congestion and the unattractiveness of road environments may now be considered significant shortcomings for cities. Under this scope, sustainable transport is considered one of the main pillars of smart city development and should aim to mitigate the adverse effects of congestion, thus promoting more sustainable and people-centric urban centers. This Special Issue welcomes research papers on the planning and optimization of sustainable urban transportation. Key areas include electric mobility, public transport systems, active transportation, ridesharing, and autonomous mobility, as well as intelligent control methods aimed at reducing congestion and emissions. We look forward to receiving your contributions.

Guest Editors

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I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

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