Special Issue

New Trends and Technologies for Safe, Green, Low-Carbon and Sustainable Traffic Systems

Message from the Guest Editors

Dear Colleagues: Today, more than ever before, the traffic system is facing many challenges and opportunities due to socioeconomic changes and technological innovation. New trends and technologies for safe, green, low-carbon, and sustainable road traffic systems are emerging, such as electric vehicles (EVs), autonomous vehicles (AVs), mobility as a service (MaaS), vehicle-to-everything (V2X). These advancements can contribute to a safer, greener, low-carbon, and sustainable traffic system. This Special Issue will highlight new opportunities and challenges for sustainable transportation. Topics of interest include, but are not limited to: (1) charging optimization and energy management for electric vehicles; (2) competition, coordination, and cooperation between connected autonomous vehicles and human-driven. vehicles in mixed traffic flow; (3) data-driven traffic management, optimization, and simulation; (4) mobility as a service (MaaS); (5) traffic accident prediction and prevention; and (6) innovative mobility services. We look forward to receiving your contributions. //

Guest Editors

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Deadline for manuscript submissions

closed (1 October 2024)



Sustainability

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mdpi.com/si/172842

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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.

Editor-in-Chief

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