



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

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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.

Prof. Dr. Ciyun Lin/ Dr. Bowen Gong / Dr. Hui Liu

Guest Editor



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Message from the Editor-in-Chief

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