

Special Issue

Advances in Intelligent Transportation, Smart Grids and Electric Vehicles in the Context of Sustainability

Message from the Guest Editors

In recent years, with the increasing emphasis on sustainability, the transportation industry has undergone profound transformations. Intelligent transportation systems and public transportation have emerged as crucial elements in the pursuit of sustainable mobility. They not only provide solutions to alleviate traffic congestion, reduce carbon emissions, and improve the overall travel experience but also establish closer connections with other critical infrastructures, such as the power grid. Intelligent transportation technologies, such as connected vehicles, advanced traffic management systems, and intelligent parking solutions, are revolutionizing our travel patterns. These innovations optimize traffic flow, enhance safety, and improve the utilization efficiency of transportation infrastructure. Meanwhile, public transportation, including buses, metros, and light rails, remains the cornerstone of sustainable urban mobility, providing convenient and environmentally friendly options for commuters. In addition, the synergy between transportation and the power grid represents an emerging and equally significant aspect.

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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. *Sustainability* publishes original research articles, review 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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