

Special Issue

Emerging Transportation in Sustainable Development Environment: Multi-Modal Transportation and Connected Automated Vehicle (CAV) Technology

Message from the Guest Editors

With the support of information technology, the transportation system is developing towards safety, intelligence, and sustainability at an extremely fast speed. It not only brings much more travel choices, but also brings an increasingly complex traffic environment. The transportation system is currently in the development stage of multi-modal transportation. The objective of this SI is to discuss the new problems and methods of green mobility, sustainable transportation, emerging transportation, multi-modal transportation, and CAV technology. Original research articles and review papers are welcome. Research areas may include the following:

- Green transportation and low carbon mobility system;
- Solutions of emerging technologies for traffic safety;
- Energy and emission solutions for transportation systems;
- Policies and strategies for sustainable development of transportation;
- System architecture, modeling, and simulation of multi-modal transportation;
- Modeling and analysis of connected automate driving behavior;
- Perception, control and decision technology of CAV;
- Collaborative management of CAV in complex traffic environment.

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Message from the Editor-in-Chief

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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