

Special Issue

Sustainable Transportation Electrification: Policy, Planning and Operation

Message from the Guest Editors

Transportation electrification is widely considered as an effective solution for reducing the fossil fuel dependency and greenhouse gas emissions of the road transportation system. The rapid growth of electric vehicles (EVs) around the world will have a major impact on existing systems. In the era of transportation electrification, the ways in which urban transportation systems are transformed are still a largely unanswered question. For this Special Issue, we invite researchers to submit original research and review articles addressing all aspects related to road transportation electrification. Potential topics include but are not limited to the following:

- Electric vehicle operations with connected self-driving technologies
- Electric vehicle charging infrastructure planning
- Eco-friendly mobility for electric vehicles
- Policies for transportation electrification
- Traffic flow and human factor changes in electrified transportation systems
- Data mining and big data in electrified transportation systems
- Innovative electric transit system solutions
- Environmental impacts of transportation electrification
- Evaluation methods for electrified transportation systems

Guest Editors

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Deadline for manuscript submissions

closed (15 December 2022)



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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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