

Special Issue

Sustainable Transportation: Electrical Design Automation and Vehicle Navigation

Message from the Guest Editors

As the world seeks sustainable solutions to address the developing challenges of urban congestion and environmental degradation, the transportation sector emerges as a focal point of innovation and research. Embracing the principles of sustainability, we are witnessing the birth of electric vehicles (EVs) that promise a future with lower emissions and greater energy efficiency. However, the real potential lies in integrating electrical design automation and advanced vehicle navigation into these systems, ensuring a smarter, more efficient, and truly sustainable mode of transportation. By integrating electrical design automation with vehicle navigation, we hope to pave the way for a future where transportation is not only sustainable but also smarter and more efficient. In this Special Issue, original research articles and reviews include (but are not limited to) the following are welcome:

- Electrical Design Automation in EVs;
- Enhance the energy efficiency and driving range of electric vehicles;
- Advanced Vehicle Navigation Systems;
- Methodologies for integrating real-time navigation systems with electric drivetrains;
- Communication Protocols and Systems.

Guest Editors

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Deadline for manuscript submissions

closed (9 September 2024)



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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

Prof. Dr. Steve W. Lyon

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