

Special Issue

Electric Vehicles: Production, Charging Stations, and Optimal Use

Message from the Guest Editors

Transportation is responsible for significant emission of the total pollution into the atmosphere. So, there is an urgent need to develop electric vehicles (EVs) which are not only efficient and reliable, but also cost-effective and scalable. The efficiency and performance of the EVs can be improved when they are designed, manufactured, operated in an optimum fashion. This Special Issue covers the technologies for optimal productions and applications of the EVs. Topics of interest for this Special Issue include, but are not limited to, the following:

- Charging stations and energy storage systems for electric vehicles;
- Strategies for the optimum application of the EVs and charging stations;
- Techniques for optimum design and manufacturing of the propulsion system for EVs;
- Predictive maintenance, energy management, and control;
- Analyzing charging patterns and user behavior to inform placement and sizing of electric vehicle charging stations;
- Enhancing user experience and accessibility of electric vehicle charging stations through smart technologies and user-centered design.

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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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