

Topical Collection

Sustainable Development of Electric Vehicle

Message from the Collection Editor

This Special Issue covers present and future perspectives on EVs with respect to sustainability. We are pleased to receive new contributions from researchers, scientists, students from companies, universities, and research institutes all over the world to build an academic network for developing EVs in the future. Topics of interest include (but are not limited to) the following:

- Advanced control algorithms applied to EVs;
- Power electronics for EVs;
- New technologies for developing motor and battery;
- Advanced materials used for EVs;
- Frame design and optimization;
- Topology technologies of EV components (motor, battery, converters, etc.);
- Energy efficiency and energy storage technologies;
- Renewable energy sources;
- EV charging technologies;
- Vehicle-to-everything communication (e.g., V2H, V2G, V2B);
- New technologies using AI for EVs;
- New technologies for smart cities, smart grids, and smart home supported for EVs;
- Autonomous technologies applied to EVs;
- Battery recycling technologies;
- EVs with economic and environmental issues;
- Technologies for safety.

Collection Editor

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About the Journal

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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