

## Special Issue

# Sustainable Development of Battery Technology to Promote the Electric Vehicles

### Message from the Guest Editors

Dear Colleagues: The transition to electric vehicles (EVs) is a key strategy for reducing greenhouse gas emissions and promoting sustainable transportation. The development of sustainable battery technology is crucial for the widespread adoption of electric vehicles (EVs).

This Special Issue aims to explore the sustainable development of battery technology for promoting EVs.

We invite contributions on a range of topics related to sustainable battery technology, including but not limited to:

- Battery materials and design for improved performance and sustainability;

- Innovative AC charge, DC fast charge and regenerative charge methods and applications;

- Advanced battery management systems for improved performance, safety, and longevity;

- Life-cycle analysis of batteries to assess their environmental impact;

- Recycling and second-life applications of batteries to reduce waste and improve resource efficiency;

- Government policies and regulations to promote the sustainable development of battery technology and EVs.

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### Guest Editors

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### Deadline for manuscript submissions

closed (19 November 2023)



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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.

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### Editor-in-Chief

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