

Special Issue

Towards a Sustainable Electric Vehicle Ecosystem: Challenges and Innovations

Message from the Guest Editors

This special issue seeks to advance the understanding of electric vehicle uptake with a more holistic point of view. We particularly encourage research that generates cross-cutting insights and fosters dialogue between disciplines, helping to inform effective policy and planning strategies. **Suggested Themes Include (but are not limited to):**

- Economic analyses of EV adoption, incentives, and total cost of ownership across diverse contexts
- Methodological advances in sustainability assessment (e.g., hybrid LCA, integrated modelling)
- Policy frameworks for sustainable EV transitions in both developed and emerging economies
- Social sustainability of EV supply chains, including labour practices and community impacts
- Lifecycle assessment (LCA) of EVs
- Distributional and equity effects of EV policies and infrastructure deployment
- Community preferences for transport electrification
- The role of EVs in multimodal and low-carbon transport systems
- Long term environmental impact assessments of EV adoption – considering lifecycle emissions, battery production and disposal, and electricity generation sources

We look forward to receiving your contributions.

Guest Editors

Dr. Andrea Pellegrini

Institute of Transport and Logistics Studies, Business School, The University of Sydney, Sydney, NSW, Australia

Dr. Shobhit Saxena

Technology and Operations Department, Leeds University Business School, Leeds, UK

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Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

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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

School of Environment and Natural Resources, Ohio State University,
Columbus, OH 43210, USA

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