

Special Issue

Vehicle to Grid—Energy Conversion and Conservation

Message from the Guest Editors

We are inviting submissions to a Special Issue of *Sustainability* in the subject area of “Vehicle to Grid—Energy Conversion and Conservation”. This Special Issue focuses on emerging trends, potential barriers, possible research directions, and challenges affecting V2G technology involving on-board/off-board V2G integrators, multi-objective optimal scheduling strategy, bidirectional DC-DC and AC-DC converters and their control, V2G economic prospects, V2G penetration on a distribution system, frequency regulation control, energy storage sizing, V2G communication, modeling of V2G components, integration of renewables such as wind/solar using V2G as flexible storage, power factors, power loss, and reactive power issues, smart battery management scheme, cost–benefit analysis, etc. The submission of multimedia with each article, if possible, is highly appreciated as it significantly enhances the visibility, downloads, and citations of articles.

Guest Editors

Prof. Dr. Ghulam Abbas

Dr. Irfan Ahmad Khan

Dr. Mousa Marzband

Dr. Muhammad Faisal Nadeem Khan

Deadline for manuscript submissions

closed (14 June 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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