



Vehicle to Grid—Energy Conversion and Conservation

Guest Editors:

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Deadline for manuscript
submissions:

closed (14 June 2024)

Message from the Guest Editors

The Guest Editors 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.





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Editor-in-Chief

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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. *Sustainability* publishes original research articles, review 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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