

Special Issue

Vehicle-to-Grid in Coordinated Power and Transportation Systems: Challenges and Development

Message from the Guest Editors

The Special Issue focuses on exploring the intersection of electric vehicles (EVs) and charging/discharging facilities within the context of coordinated power and transportation systems. It delves into topics such as V2G communication protocols, smart charging/discharging infrastructure, energy management strategies, and policy implications, while also examining the impacts of V2G on traffic patterns, infrastructure development, and energy consumption within urban and rural environments. The scope encompasses theoretical research and practical applications related to V2G integration; we welcome contributions that explore innovative approaches to optimizing V2G systems, enhancing grid stability, and promoting sustainable transportation practices. Additionally, we invite studies addressing socio-economic factors, regulatory frameworks, and stakeholder engagement strategies to facilitate widespread adoption.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

The *World Electric Vehicle Journal* is the official journal of the World Electric Vehicle Association (WEVA) and its members the European Association for Electromobility (AVERE), the Electric Drive Transportation Association (EDTA), and the Electric Vehicle Association of Asia Pacific (EVAAP). Since its foundation in 2007, the journal has aimed to provide a publishing platform for the academic and industrial world to share the latest developments and knowledge about electric vehicles. If you are developing Electric, Plug-in Hybrid, Hybrid Electric, or Fuel Cell Vehicles, we cordially invite you to consider us as the place for you to publish your latest results and innovations.

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