

Special Issue

Electric Vehicles in Smart Grids: Integration, Optimization, and Sustainability

Message from the Guest Editors

This Special Issue aims to provide a platform for researchers and practitioners to present and discuss the latest developments, challenges, and opportunities related to the integration of electric vehicles (EVs) into smart grids. EVs have become increasingly popular due to their environmental benefits and potential for cost savings. However, the integration of EVs into the smart grid presents new challenges, including the need for charging infrastructure, communication protocols, and strategies to mitigate the impact of EVs on the grid. The scope of this Special Issue includes, but is not limited to, the following topics:

- Integration of EVs into the smart grid
- Optimization of EV charging
- Grid impact of EVs
- Sustainability of EVs and smart grids
- Policy and regulation

Guest Editors

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Deadline for manuscript submissions

closed (31 July 2025)



World Electric Vehicle Journal

an Open Access Journal
Published by MDPI

Impact Factor 2.6
CiteScore 5.0



mdpi.com/si/181519

World Electric Vehicle Journal
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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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