

Special Issue

Exploring Beyond Electric Cars: Comprehensive Charging Solutions and Innovations in Land, Sea, and Air Mobility

Message from the Guest Editors

As the electric transportation sector evolves beyond conventional passenger cars, this Special Issue aims to spotlight the innovative domains of electric mobility across land, sea, and air, emphasizing sectors poised for breakthroughs. This issue seeks to uncover the novel electric mobility advancements in trucks, off-road equipment, buses, aviation, maritime travel, and personal conveyances like ferries, e-scooters, and electric two-wheelers. Through this exploration, we aim to foster a cross-disciplinary discourse, showcasing the latest innovations in charging infrastructure, energy storage, and grid integration specific to these diverse modes of transport. While our focus primarily shifts away from the extensively studied electric cars and buses, discussions including passenger cars, particularly in comparative analyses or as part of integrated solutions, remain pertinent. By delineating these areas, we hope to provide a comprehensive overview of the electric transportation frontier, highlighting the technological, policy, and market evolutions shaping the future of mobility on land, sea, and air.

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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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