

## Special Issue

# Advancements in Autonomous Vehicles: Security, Optimization and Future Challenges

### Message from the Guest Editor

This Special Issue aims to delve into future challenges such as regulatory and ethical considerations, public acceptance, and the impact on urban planning. Case studies on practical applications of AVs in urban mobility, logistics, and public transportation provide valuable insights into the current and future potential of these technologies. The development of simulation environments and standardization efforts is critical for fostering innovation and ensuring the reliability and safety of AV systems. Furthermore, research on predictive maintenance and fault detection emphasizes the importance of advanced data analytics in enhancing the performance and longevity of AVs. This Special Issue aims to pave the way for future advancements to be made in autonomous vehicle technology.

### Guest Editor

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### Deadline for manuscript submissions

closed (28 February 2025)



## 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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### Editor-in-Chief

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