

## Special Issue

# Emerging Technologies in Electrification of Urban Mobility

### Message from the Guest Editors

The Paris Agreement limits the long-term global warming goal to well below 2 and preferably to 1.5 degrees Celsius, relative to the pre-industrial levels. The transportation sector, as one of the major sources of greenhouse gas emissions, has been given high expectations in terms of achieving the goal of energy conservation and emission reduction. To date, the surface transportation systems are in the early stages of electrification. However, as the level of electrification progresses, more and more challenges will emerge. In the meantime, more innovation and emerging technologies will also accompany us during the transition and completion of the transportation electrification process. This Special Issue is intended to encourage scholars and experts to systematically discuss the possible ways to accelerate the electrification of urban mobility and the effects/mechanisms of involved endogenous and exogenous factors in the transportation system and finally to provide potential policy references for urban transportation planning and management during the entire process.

---

### Guest Editors

Prof. Dr. Kai Liu  
Dr. Jiangbo Wang  
Prof. Dr. Wei Fan

---

### Deadline for manuscript submissions

closed (31 July 2023)



## World Electric Vehicle Journal

---

an Open Access Journal  
Published by MDPI

---

Impact Factor 2.6  
CiteScore 5.0



[mdpi.com/si/92204](https://mdpi.com/si/92204)

*World Electric Vehicle Journal*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[wevj@mdpi.com](mailto:wevj@mdpi.com)

[mdpi.com/journal/](https://mdpi.com/journal/)

[wevj](https://wevj)





# World Electric Vehicle Journal

---

an Open Access Journal  
Published by MDPI

---

Impact Factor 2.6  
CiteScore 5.0



[mdpi.com/journal/](https://mdpi.com/journal/)

[wevj](https://wevj)



## 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.

---

### Editor-in-Chief

Prof. Dr. Joeri Van Mierlo

MOBI–Electromobility Research Centre, Department of Electrical Engineering and Energy Technology, Faculty of Engineering Sciences, Vrije Universiteit Brussel, 1050 Brussel, Belgium

---

### Author Benefits

#### High Visibility:

indexed within Scopus, ESCI (Web of Science), Ei Compendex, and other databases.

#### Journal Rank:

JCR - Q2 (Engineering, Electrical and Electronic) /  
CiteScore - Q2 (Automotive Engineering)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 21 days after submission; acceptance to publication is undertaken in 3.8 days (median values for papers published in this journal in the second half of 2025).