

Special Issue

Vehicle Electrification and the Environment

Message from the Guest Editors

Nowadays, because of our world's environmental problems, there is a need to change the energy production/consumption paradigm and accelerate the worldwide energy transition process. One of the ways to achieve this process is through electrification of the transport sector. The electrification of this sector can help to reduce greenhouse gas emissions. To a greater or lesser extent, these gases are harmful to the environment as they trap heat in the atmosphere, causing global warming. Therefore, purely battery electric vehicles and plug-in hybrid electric vehicles become a crucial part of the solution to mitigate climate change. These issues are why all major automotive brands and governments have supported those kinds of vehicles. Moreover, the production and consumption of this kind of vehicle have increased rapidly in the last few years. Thus, it is valuable to understand the impact of the electrification process of urban transport, and the production of this kind of vehicle, on the environment. Consequently, this Special Issue will primarily focus on identifying and analyzing the effects of the vehicle electrification process on the environment.

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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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