



Vehicle Electrification and the Environment

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Message from the Guest Editors

Dear Colleagues,

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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Message from the Editor-in-Chief

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