



## The Contribution of Electric Vehicles to Realization of Dual Carbon Goal

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Deadline for manuscript  
submissions:

**1 October 2024**

### Message from the Guest Editors

Dear Colleagues,

The transportation sector is the main source of environmental pollution in cities, fueling the energy crisis. Governmental authorities and the scientific community are devoted to looking for alternatives to conventional fuel-powered vehicles and supporting the realization of the dual-carbon goal, encompassing both carbon peaking and carbon neutrality goals.

Electric Vehicles (EVs) are regarded as an energy-saving and sustainable transportation mode, due to their promising energy efficiency and sustainability. However, EVs often have a shorter driving range compared to fuel-powered vehicles. Insufficient charging infrastructure and the time-consuming charging process also bring challenges to the widespread use of EVs.

In light of the issues described above, research must be conducted to provide guidance and decision support promoting the use of EVs for private travel, public transport and freight distribution in urban transportation.





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## Message from the Editor-in-Chief

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**Journal Rank:** CiteScore - Q2 (*Automotive Engineering*)

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