



Autonomous Vehicles: Future of Transportation Sustainability

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Message from the Guest Editors

Autonomous vehicles pave the way to more sustainable transportation. Their driverless capability allows for emerging mobility patterns that were not possible before. The older and younger population that cannot legally drive can gain access to affordable transportation and can engage in socially rewarding activities. The private sector can also provide new mobility services that exploit autonomous vehicles. These shifts in the supply and demand of transportation may affect dynamics of congestion and emission levels in large cities. Policies that aim to improve transportation sustainability need to carefully account for the impacts of driving automation, especially when automation leads to induced demand. In this Special Issue, we invite the submission of research papers that specifically address transportation sustainability in the advent of autonomous vehicles and propose sustainable alternatives for the existing demand management and traffic control policies. The scope of this Special Issue is to cover state-of-the-art contributions on data analysis, model development, policy design, and system optimization.





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Message from the Editor-in-Chief

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