

## Special Issue

# Vehicular Networks and Sustainability

### Message from the Guest Editors

The connectivity of the vehicle is achieved through vehicular networks in the forms of Vehicle-to-Vehicle (V2V) and Vehicle-to-Infrastructure (V2I) communication. Vehicular networks is the emerging technology for the future Intelligent Transportation System (ITS). The inherent drawback of vehicular network is the intermittent connectivity due to the mobility of vehicle and the nature of lossy wireless communication (e.g., path loss, fading and shadowing). A sustainable or stable vehicular network is the key for the successful deployment of V2X (Vehicle-to-Everything) communication in the future CAV (Connected and Autonomous Vehicle). This special issue covers the following relevant areas, but are not limited to:

- Sustainable Vehicular communication
- V2V, V2I and V2X communication
- Sustainable algorithm and routing protocol
- Sustainable data dissemination
- Sustainable vehicular clustering
- Safe driving and intelligent transportation
- MAC enhancement
- Path loss, fading and shadowing
- Sustainable channel modeling
- State estimation

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### Guest Editors

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Dr. Xuejun Li

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### Deadline for manuscript submissions

closed (20 December 2022)



## Sustainability

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