

Special Issue

Implementation of Vehicular Cloud Networks Using Wireless Sensor

Message from the Guest Editor

Wireless communication, wireless sensor networks and ad-hoc networks for intelligent transportation systems (ITS) are promising technologies to improve safety and security and therefore reduce fatalities and serious injuries. Cooperative intelligent transportation systems (C-ITS) use technologies that allow road vehicles to communicate with other vehicles, with traffic signals and roadside infrastructures, as well as with other road users. Wireless sensor networks could be used to gather helpful data for road users. C-ITS could be promising to obtain significant improvements in safety and to reduce traffic congestion, to optimize the use of existing infrastructures and support information services in vehicles with the general purpose of reducing the impact of transport on the environment. Our primary goal is to promote meaningful research in the “Implementation of Vehicular Cloud Networks Using Wireless Sensors”, using the cross-layered design of architectures, algorithms and applications for vehicular communication environments.

Guest Editor

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As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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