Special Issue

Future Intelligent Transportation System for Tomorrow and Beyond

Message from the Guest Editor

An intelligent transportation system (ITS) can be broadly defined as a transportation system exploiting IT technologies. Raw traffic data collected by vehicular and infrastructure sensors require analysis and integration at a traffic control center for the eventual dissemination to traffic data consumers. Considering various types of transportation modes, such as airway transport, railway transport, roadway transport, and waterway transport, the scope of ITS is immense.

This Special Issue is focused on scientific and engineering techniques for future ITS. Review articles on the evolution of each subfield of ITS as well as research articles on the state-of-the-art developments related to ITS will be considered for publication. Topics of interest for this Special Issue include, but are not limited to, the development of traffic sensors for roadway/railway transportation systems, 5G/6G connectivity of autonomous roadway vehicles, flight control of unmanned airway vehicles (UAV), and artificial intelligence (AI) for roadway/railway traffic analysis.

Guest Editor

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Message from the Editor-in-Chief

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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