



Advances in Intelligent Transportation Systems

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Message from the Guest Editors

Intelligent transportation systems encompass a wide range of technologies aimed at improving the efficiency, safety, and sustainability of transportation. In particular, with the evolution of communication technology and innovative improvements in computation power, the data that can be collected and transmitted from ITSs are being subdivided into individual vehicle units, and as a result, it is possible to present alternatives to contemporary transportation problems that could not be solved with conventional ITSs. Therefore, the objective of this Special Issue is to discuss novel ITS alternatives to solve problems occurring in various transportation fields and new applications using big data collected from various ITS sensors. Topics of interest include, but are not limited to, the following:

- Cooperative intelligence transportation systems;
- Vehicle sensor data-based analysis;
- ITS applications of emerging technologies in traffic operation, road maintenance, road safety, and environment;
- Automated highway systems;
- Application of AI and machine learning for ITS;
- Real-time applications of ITS.





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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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