Special Issue

Traffic Prediction and Route Guidance

Message from the Guest Editor

Traffic prediction is the task of forecasting real-time traffic information based on floating car data and historical traffic data, such as traffic flow, average traffic speed and traffic incidents. Recent technological advances applying the various methodologies of AI, machine learning in navigation systems for vehicles have the capability to provide drivers with route information. These technological advances, together with two-way radio communication of digital information, automatic measurement of traffic flows, and supercomputer technology, could be combined to provide useful information to drivers concerning expected travel times, best routes, and best departure times. The aim of this Special Issue is to collect papers describing technological tools currently applied in traffic prediction and route guidance.

Guest Editor

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Deadline for manuscript submissions

closed (20 July 2022)

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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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