Special Issue

Machine Learning Applications in Transportation Engineering

Message from the Guest Editors

This Special Issue aims to collect and report new and innovative applications of machine learning methods to solve challenges presented by transportation systems. The scope of the research is diverse; topics of interest include, but are not limited to, the application of machine learning in various transportation fields and the following topics: - Safety of transport infrastructures, particularly road users and vulnerable road users (pedestrians, cyclists, and scooter users); - Monitoring, operation control, and management of mobility services, including shared-mobility services, public transportation management, Mobility-as-a-Service (MaaS), etc.; - Intelligent transportation systems; - Smart city logistics and micro-logistics; - Management of public space management at the urban scale, including the intermittent and dynamic usage of road carriageways; - Case studies in which machine learning was effectively used to make transportation systems more effective; - Comparison of different approaches of machine learning methods with conventional approaches;

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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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