Special Issue

AI Techniques in Intelligent Transport Systems

Message from the Guest Editors

Nowadays, the relationship between Artificial Intelligence (AI) and intelligent transportation systems (ITS) is growing much closer, as AI-powered technologies are increasingly being used to automate and optimize many aspects of transportation systems. AI-based ITS are being used to analyze large amounts of traffic data to generate more efficient routes and to improve traffic control. AI-driven sensors are also being used to detect potential hazards and provide maintenance information. By leveraging the capability of AI, ITS is a becoming more efficient, reliable, and safer, transforming the way we travel. This Special Issue is intended to encourage experts and scholars to discuss and explore how to understand and employ AI technologies in ITS, which may involve all aspects of transportation systems. We also encourage innovative attempts to develop new ITS technologies and methods based on AI to solve traffic problems such as congestion, safety and the environment.

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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.

Editor-in-Chief

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