

Special Issue

Advances in Intelligent Transportation and Its Applications

Message from the Guest Editors

The rapid evolution of Intelligent Transportation Systems (ITSs) is transforming urban mobility through the integration of AIoT technologies, smart computing, and intelligent sensor devices. These systems enhance traffic management, improve safety, and reduce our environmental impact by enabling the performance of real-time data analysis and automated decision-making. In addition, the emergence of Urban Air Mobility (UAM) equipped with advanced avionics systems further extends the scope of smart transportation. UAM leverages AI-based navigation, communication, and control technologies to enable safe and efficient low-altitude air travel. The convergence of these innovations paves the way for smarter, more connected, and sustainable urban mobility solutions.

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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.

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