

Special Issue

IoT-Based Intelligent Traffic System

Message from the Guest Editors

With the continual development of Internet of Things, all kinds of smart systems are quickly evolving to make our day-to-day life smoother and safer. Intelligent traffic system is one of the fastest-growing fields within the smart systems. The main functionalities of intelligent traffic system are as follows: (1) monitoring real-time traffic conditions in specific areas, (2) locating traffic emergencies (i.e., traffic accidents) in specific areas, and (3) dynamic monitoring and managing the continuous use/data in public transit services (i.e., car lane changes) that may lead to changes in macro traffic conditions. This Special Issue will focus on the abovementioned functionalities of intelligent traffic systems as underlying stimulative scenarios toward the design and implementation of smart transportation systems based on Internet of Things and/or blockchain—both of which share inherent distributed technology characteristics—combining both Internet of Things sensor nodes and distributed ledger technology.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

As urban environments continue to evolve, Smart Cities serves as a key platform for sharing innovative research that addresses the complexities of modern urban life. Our journal provides a space for interdisciplinary dialogue and knowledge exchange on the latest advancements in smart city technologies and practices. We prioritize research that not only pushes the boundaries of scientific understanding but also has practical implications for improving urban living, sustainability, and governance.

We welcome contributions from diverse fields that bring fresh perspectives to urban challenges, from smart infrastructure and IoT integration to data-driven decision-making and sustainable development. Through a combination of rigorous peer-review and rapid publication, we aim to disseminate impactful research that fosters the development of smarter, more resilient cities.

Editor-in-Chief

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