

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

Prof. Dr. Ka Lok Man

Dr. Kamran Siddique

Dr. Vijayakumar Nanjappan

Deadline for manuscript submissions

closed (1 September 2021)



Smart Cities

an Open Access Journal
by MDPI

Impact Factor 7.0
CiteScore 11.2



mdpi.com/si/44736

Smart Cities
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
cities@mdpi.com

[mdpi.com/journal/
smartcities](https://mdpi.com/journal/smartcities)





Smart Cities

an Open Access Journal
by MDPI

Impact Factor 7.0
CiteScore 11.2



[mdpi.com/journal/
smartcities](https://mdpi.com/journal/smartcities)



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

Prof. Dr. Pierluigi Siano
Department of Management and Innovation Systems, University of
Salerno, 84084 Salerno, Italy

Author Benefits

High Visibility:

indexed within Scopus, ESCI (Web of Science), Inspec, AGRIS, and other databases.

Journal Rank:

JCR - Q1 (Engineering, Electrical and Electronic) /
CiteScore - Q1 (Urban Studies)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 25.8 days after submission; acceptance to publication is undertaken in 3.8 days (median values for papers published in this journal in the first half of 2024).