

## Special Issue

# Fault Diagnosis and Fault Tolerant Control

### Message from the Guest Editors

With the progress of smart cities, the issues of fault diagnosis and fault-tolerant control have become very critical for them. Modern transportation, smart buildings, advanced energy management systems, smart grids, and intelligent healthcare bring more comfort to citizens and enhance life quality. However, the new technologies enlarge systems, increase complexities, and lead to infrastructures, which are prone to various types of faults. As a result, a large number of researches have been conducted to improve the reliability of smart cities. The main aim of this special issue is to investigate advanced fault diagnosis and fault-tolerant control systems for smart cities, making them safe and reliable against different faults. The editorial goal is to collect new ideas in this area and highlight the new contributions and future directions for designing secure smart cities.

---

### Guest Editors

Dr. Mojtaba Kordestani

Faculty of Engineering, University of Windsor, Windsor, Ontario, Canada

Dr. Ali Chaibakhsh

Faculty of Mechanical Engineering, University of Guilan, Rasht, Iran

---

### Deadline for manuscript submissions

closed (30 November 2021)



## Smart Cities

---

an Open Access Journal  
by MDPI

---

Impact Factor 5.5  
CiteScore 14.7



[mdpi.com/si/47036](https://mdpi.com/si/47036)

*Smart Cities*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[cities@mdpi.com](mailto:cities@mdpi.com)

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





# Smart Cities

---

an Open Access Journal  
by MDPI

---

Impact Factor 5.5  
CiteScore 14.7



[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 (Urban Studies) / CiteScore - Q1 (Urban Studies)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 25.2 days after submission; acceptance to publication is undertaken in 3.9 days (median values for papers published in this journal in the second half of 2025).