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Fault Diagnosis and Fault Tolerant Control

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Deadline for manuscript submissions:
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Message from the Guest Editors

Dear Colleagues,

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 girds, 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.

Dr. Mojtaba Kordestani
Prof. Ali Chaibakhsh
Guest Editors

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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.

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