

## Special Issue

# The Convergence of 5G and IoT in a Smart City Context

### Message from the Guest Editors

The emergence of the Internet of Things (IoT) ecosystem is slowly transforming different areas of human life, involving sectors such as transport, health, energy, and security. In recent years, several IoT deployments and test beds have been proposed to create new smart infrastructures. These infrastructures and applications enable cities not only to reduce costs and resource consumption but also to improve governance and the quality of life of resident citizens. The devices built into these smart infrastructures capture heterogeneous data of various types that differ in scale, volume, and semantics. The construction of Smart Cities has become an important trend worldwide. As IoT is becoming a basic means of communication in all cities, the role of telecommunication technologies in the development of Smart Cities cannot be emphasized enough. The technology of 5G mobile networks will gradually expand the implementation in Smart Cities and global business by 2020, in which IoT and Artificial Intelligence will also be integrated, contributing to a rapid development of Smart Cities.

Dr. Roberto Casado Vara

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### Deadline for manuscript submissions

closed (28 February 2025)



## Smart Cities

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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.

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### Editor-in-Chief

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