

Special Issue

Next-Generation Wireless Communication for Smart Cities: Architectures, Protocols, and Applications

Message from the Guest Editors

This Special Issue aims to present cutting-edge research on and innovations in 5G/6G communication systems, network architectures, and applications tailored for Smart Cities. This Issue welcomes original research articles and reviews that address the design, analysis, implementation, and optimization of communication technologies for future urban environments. Topics of interest include, but are not limited to, the following areas:

- Advanced 5G/6G architectures for smart city networks;
- Edge/fog/cloud integration for low-latency city services;
- Network slicing and resource optimization in heterogeneous environment;
- MmWave/THz communication and RIS-assisted networks for urban deployment;
- UAV- and satellite-enabled connectivity for underserved areas in cities;
- IoT communication frameworks for smart infrastructure and public services;
- Secure and privacy-aware communication protocols for urban data exchange;

Digital twin models for city-wide network simulation and optimization.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

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