

Special Issue

Wireless Sensor Networks Applications for Smart Cities

Message from the Guest Editors

The problem of addressing wireless sensor network applications for smart cities has a wide range of open issues and challenges. This Special Issue is aimed at addressing aspects relating to connectivity, heterogeneity of infrastructure, data processing, management, energy waste, security and privacy. This includes:

- Wireless sensor network applications for smart cities;
- Novel architectures, protocols and algorithms for wireless sensor network applications for smart cities;
- Communication platforms and access technologies;
- Theoretical modelling and frameworks for wireless sensor network applications for smart cities;
- Case studies, real solutions, designs, and implementations of smart cities;
- Security and privacy frameworks for wireless sensor network applications for smart cities;
- Innovative techniques for wireless sensor network security applications for smart cities;
- Environmental challenges for smart cities;
- solutions for smart transport and traffic;
- Solutions for smart street lighting infrastructure;
- Solutions for urban infrastructure management;
- Integrated renewable solutions based on big data analytics.

Guest Editors

Dr. Alexandra Bousia

Prof. Dr. Carlos Tavares Calafate

Dr. Aspasia Daskalopulu

Deadline for manuscript submissions

closed (30 November 2023)



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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 guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

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