

## Special Issue

# Wireless Sensor Network: Latest Advances and Prospects

### Message from the Guest Editor

In recent decades, there has been a tremendous growth in wireless sensor networks, especially due to the technological advancements and the challenges of Internet of Things (IoT). Wireless IoT devices can be flexibly deployed in the target region to sense and collect relevant information. The topic of the special issue include:

- Wireless sensor networks and their applications;
- Novel architectures, protocols, and algorithms for wireless sensor network applications;
- Communication platforms and access technologies;
- Theoretical modelling and frameworks for wireless sensor network applications;
- Case studies, real solutions, designs, and implementations;
- Resource allocation techniques;
- Measurements and transmission in wireless networks;
- Security and privacy frameworks for wireless sensor network applications;
- Innovative techniques for wireless sensor network security applications;
- Environmental challenges;
- Solutions for smart transport and traffic;
- Solutions for smart mobility and parking.

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### Guest Editor

Dr. Alexandra Bousia

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### Deadline for manuscript submissions

15 November 2025



## Electronics

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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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### Editor-in-Chief

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