

## Special Issue

# Resource Allocation and Interference Mitigation in Intelligent Wireless Sensing Systems

### Message from the Guest Editor

This Special Issue aims to provide interested readers with up-to-date emerging research contributions on dynamic power and spectrum resource allocation, as well as innovative interference mitigation techniques with the utilization of machine learning and AI-driven frameworks for advanced heterogeneous wireless sensing networks. Research topics can cover one or more of the following areas:

- Dynamic resource allocation;
- Power-efficient scheduling;
- Interference management and mitigation;
- Automated and intelligent sensing;
- Smart spectrum management techniques;
- Machine learning and AI-driven tools for resource optimization;
- Adaptive multi-antenna systems;
- Cross-layer optimization strategies.

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### Guest Editor

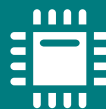
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### Deadline for manuscript submissions

20 August 2026



## Sensors

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### Message from the Editor-in-Chief

*Sensors* is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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### Editor-in-Chief

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