

## Special Issue

# Advanced Technologies and Solutions for Modern Communication and Sensing Systems

### Message from the Guest Editor

Modern communication systems for sensing applications and remote sensing require advanced electronics and technological approaches covering short- and wide-range wireless and optical communication as well as special modulation techniques. These systems and subsystems depend on robust analog, mixed-mode, and digital circuitry in the form of discrete or integrated circuits in modern CMOS fabrication processes as well as embedded platforms. Additional tasks including electromagnetic compatibility (EMC), reliability and certification, minimized power consumption, etc. are also very important in the design of complex systems. All these topics are covered in the design of modern products as well as in multidisciplinary areas where the design of electronic communication systems represents a key and necessary part of global research strategies of the worldwide society. This Special Issue will focus on modern development and advances in the area of communication systems suitable for sensing and remote sensing applications. For more information, please click [mdpi.com/si/136854](https://mdpi.com/si/136854).

### Guest Editor

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### Deadline for manuscript submissions

closed (25 May 2025)



## 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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