

Special Issue

Antennas, Metamaterials and Metasurfaces for Advanced Sensing Applications

Message from the Guest Editor

This Special Issue focuses on the latest developments in antennas, metamaterials, and metasurfaces for advanced sensing applications. The use of these technologies in sensing systems has expanded rapidly due to their unique properties and capabilities. This includes their ability to manipulate electromagnetic waves, enhance sensitivity, and enable miniaturization and multifunctionality. Contributions that explore novel designs, fabrication techniques, and integration strategies for antennas, metamaterials, and metasurfaces, as well as their applications in sensing technologies, are highly encouraged. This Special Issue aims to bring together researchers from academia and industry to share their insights and advances in this exciting and rapidly evolving field. Keywords: antenna design; metamaterials; metasurfaces; sensing technologies; wireless communications; environmental monitoring; healthcare applications; smart city infrastructure; signal processing; electromagnetic theory

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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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