Special Issue

Sensors and Sensing Technologies for Precise Earth Observation

Message from the Guest Editors

As a non-contact information acquisition technology, remote sensing leverages principles such as electromagnetic waves and lasers to develop various types of sensors. These sensors, deployed on platforms such as satellites, drones, and ground-based observation stations, enable the three-dimensional exploration of Earth's spheres from different distances, angles, and levels. Due to its strong compatibility with other fields, remote sensing technology has played a significant role in resource management, precision agriculture, precise ecological management, smart cities, disaster prevention and mitigation, and other domains in recent years. This has greatly contributed to the sustainable and healthy development of society and the economy. This Special Issue of *Sensors* aims to gather original research and review articles on new technologies, advancements, methods, applications, and challenges in the field of remote sensing. For detailed information, please visit here.

Guest Editors

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Deadline for manuscript submissions

20 August 2025

Sensors

an Open Access Journal by MDPI

Impact Factor 3.4
CiteScore 7.3
Indexed in PubMed

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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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