

Special Issue

Advances in Ocean Sensors

Message from the Guest Editors

Ocean science stands to benefit greatly from the design and deployment of new sensors for environments from the deep ocean to coastal Arctic environments; nevertheless, new approaches to autonomous sensing are currently needed to enable long-term observations, sensor networks, and for use on robotic platforms. Here, we solicit papers on ocean sensors that can be used to study physical, biological, chemical or geological processes in the coastal, open, and/or deep ocean. We also welcome papers that cover remote sensing (airborne or satellite-based) of the ocean, as well as initiatives in calibrating these approaches by combining ground-based and airborne methodologies. Papers submitted should clearly demonstrate and describe an innovative sensing contribution for ocean science. While field demonstration of the sensor is valuable, we also welcome papers that demonstrate laboratory-based studies on novel sensors, particularly for calibration development and validation.

Guest Editors

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Deadline for manuscript submissions

closed (10 September 2023)



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About the Journal

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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