

Special Issue

Advanced Remote Sensing Technologies in Ocean Observations

Message from the Guest Editors

The ocean plays an important role in global climate and weather changes, and the use of ocean remote sensing can enable us to achieve the effective observation of the marine environment and climate.

You are invited to contribute to this Special Issue to present advanced remote sensing technologies for use in ocean observations. Topics may include, but are not limited to:

Sensor design and the application of new ocean color satellites, microwave satellites, radar satellites, and laser satellites used in the ocean;

Monitoring technology for marine ecology and dynamic environment, marine pollution, marine disasters, and marine resources;

The fusion application of active and passive remote sensing;

Multi-source, multi-spectrum, multi-temporal, and multi-scale data processing technology systems;

The application of deep learning and AI technology in ocean remote sensing.

Guest Editors

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Deadline for manuscript submissions

closed (25 March 2024)



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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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