



sensors



an Open Access Journal by MDPI

Advanced Remote Sensing Technologies in Ocean Observations

Guest Editors:

Dr. Difeng Wang

Dr. Jochen Horstmann

Dr. Piera Jaume

Deadline for manuscript
submissions:
closed (25 March 2024)

Message from the Guest Editors

Dear Colleagues,

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.



mdpi.com/si/105170

Special Issue



sensors



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria
Elettrica e dell'Informazione
(Department of Electrical and
Information Engineering),
Politecnico di Bari, Via Edoardo
Orabona n. 4, 70125 Bari, Italy

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.

Author Benefits

Open Access : free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [MEDLINE](#), [PMC](#), [Ei Compendex](#), [Inspec](#), [Astrophysics Data System](#), and [other databases](#).

Journal Rank: JCR - Q2 (*Chemistry, Analytical*) / CiteScore - Q1 (Instrumentation)

Contact Us

Sensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sensors
sensors@mdpi.com
[X@Sensors_MDPI](#)