



Remote Sensing of Ocean Colour: Theory and Applications

Guest Editors:

Prof. Dr. Trevor Platt

Dr. Shubha Sathyendranath

Dr. Heather Bouman

Dr. David McKee

Dr. Carsten Brockmann

Deadline for manuscript
submissions:

closed (31 December 2019)

Message from the Guest Editors

The Special Issue will deal with the theory and applications of ocean-colour remote sensing. The scope will include, but not be restricted to the following:

- Optical theory for ocean colour
- Atmospheric correction
- Calibration and validation of ocean-colour signals
- The underwater light field
- Ocean colour in optically-complex waters
- Ocean colour in lakes
- Sensors, instruments, and micro-satellite missions for ocean colour
- Ocean colour and ocean biogeochemistry
- Ocean colour and ecological indicators; ocean colour for reporting to legislation
- Ocean colour and the spatial structure of the global marine ecosystem
- Analysis of time series of ocean-colour products
- Estimation of primary production from ocean colour





sensors



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Department of Electrical and
Information Engineering,
Politecnico di Bari, Via Orabona
4, 70126 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 (Instruments and Instrumentation) / 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](#)