



an Open Access Journal by MDPI

Advanced Sensing Technology for Ocean Observation

Guest Editor:

Dr. Federico Angelini

ENEA, Italian National Agency for New Technologies, Energy and Sustainable Economic Development, Frascati, Italy

Deadline for manuscript submissions: closed (31 December 2022)

Message from the Guest Editor

Dear Colleagues,

As you know, oceans play a key role in determining climate and life on the earth. In spite of their importance, however, many aspects of sea science are still rather unknown, both because of the complexity of interactions between physics, chemistry, biology, and human activities and because of the difficulties to carry out accurate, continuous, and reliable measurements even of simple variables such as temperature and salinity. Many kinds of measurements, in particular by satellite, offer great advantages in terms of coverage and continuity but suffer some important drawbacks that cannot be overcome through other satellite observations.

Many open problems, spanning different spatial scales (from molecular processes to global issues) and timescales (from chemical dynamics to geological eras) still limit our understanding of the processes that involve ocean physics, chemistry, and biology. There is a new challenge for accurate, reliable, and continuous measurements in a variety of fields, from basic physics to applications for optimization and sustainability of fishing and navigation. For more information, please visit: mdpi.com/si/55976









an Open Access Journal by MDPI

Editor-in-Chief

Message from the 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

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 & Instrumentation*) / CiteScore - Q1 (*Instrumentation*)

Contact Us

Sensors Editorial Office MDPI, St. Alban-Anlage 66 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/sensors sensors@mdpi.com X@Sensors_MDPI