

Special Issue

Radar Ocean Remote Sensing

Message from the Guest Editors

Radio waves have been used to probe the ocean for many years, starting with HF radar observations by Crombie in 1955. Other forms of electromagnetic radiation, including both naturally occurring and synthetically generated waves in the optical, infrared, and microwave regions of the spectrum, have also been used to great advantage in remotely observing various properties and processes in the ocean. Microwave radiation has received special attention because of its ability to resolve relatively small features and because it interacts directly with short-scale surface waves that are influenced by winds and currents. This Special Issue will focus on recent developments in remote sensing of the ocean using active microwave techniques. We would like to encourage submissions in all areas including instrument development, surface scattering theory and observations, and information extraction algorithms. Studies using various measurement platforms including satellites, aircraft, ships, and land-based equipment are of interest. For more information, please click: mdpi.com/si/54058.

Guest Editors

Dr. David Lyzenga

Department of Naval Architecture and Marine Engineering, University of Michigan, Ann Arbor, MI 48109, USA

Prof. Dr. Biao Zhang

School of Marine Sciences, Nanjing University of Information Science and Technology, 219 Ningliu Road, Nanjing 210044, China

Deadline for manuscript submissions

closed (20 May 2022)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/54058

Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

[mdpi.com/journal/
sensors](https://mdpi.com/journal/sensors)





Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



[mdpi.com/journal/
sensors](https://mdpi.com/journal/sensors)



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.

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Department of Electrical and Information Engineering, Politecnico di Bari, Via Orabona 4, 70126 Bari, Italy

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)