







an Open Access Journal by MDPI

# **Recent Trends and Advances in Microwave Sea Remote Sensing**

Guest Editors:

#### Dr. Yunhua Wang

Faculty of Information Science and Engineering, Ocean
University of China, Qingdao
266100, China
Pilot National Laboratory for

 Pilot National Laboratory for Marine Science and Technology, Qingdao 266237, China

## Dr. Quanan Zheng

Department of Atmospheric and Oceanic Science, University of Maryland, College Park, MD 20742, USA

Deadline for manuscript submissions:

closed (25 September 2024)

## Message from the Guest Editors

Dear Colleagues,

Over the last 40 years, microwave remote sensing has played an increasingly important role in ocean observations, such as ocean wave inversion, internal wave observation, and sea surface wind field measurements. In this regard, a wealth of research has been conducted and a large amount of data has been obtained. Microwave ocean remote sensing has shown high potential with the rapid development of microwave sensors such as SAR, altimeters, scatterometers, and radiometers, in addition to the advanced interferometric radar altimeter, synthetic aperture radar altimeter, and wave spectrometer.

This Special Issue aims to highlight recent trends and advances in microwave ocean remote sensing. Topics of interest include, but are not limited to:

- Microwave
- Ocean remote sensing
- Interferometric radar altimeter
- Synthetic aperture radar altimeter
- Wave spectrometer
- SAR
- Altimeter
- Scatterometer
- Radiometer
- Data processing













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**