



Advanced Applications of Remote Sensing in Monitoring Marine Environment (Second Edition)

Guest Editors:

Prof. Dr. Zhe-Wen Zheng

Institute of Marine Environmental
Science and Technology,
Department of Earth Science,
National Taiwan Normal
University, Taipei 106, Taiwan

Prof. Dr. Jiayi Pan

School of Geography and
Environment, Jiangxi Normal
University, Nanchang 330022,
China

Deadline for manuscript
submissions:

31 December 2025

Message from the Guest Editors

Remote sensing in a marine environment involves using sensors to collect non-contact ocean observations, providing crucial data and images related to various oceanic phenomena and processes. Recent advancements in remote sensing technology have significantly enhanced our ability to gather data at higher spatial and temporal resolutions, leveraging both passive and active sensor capabilities. These innovations present new opportunities for gaining groundbreaking insights and interpretations essential for practical implementations in marine environmental sciences.

This Special Issue, “Advanced Remote Sensing for Marine Environment Monitoring”, serves as a continuation of Volume 1, aiming to build upon previous contributions and further advance the field. We invite cutting-edge applications focusing on new observations, analytical methods, data, and modeling techniques that promise to enhance our understanding of marine environmental processes. We look forward to receiving your high-quality contributions, which will continue to push the boundaries of our understanding in this dynamic and critical area of research.





an Open Access Journal by MDPI

Editor-in-Chief

Dr. Prasad S. Thenkabail

Senior Scientist (ST), U. S.
Geological Survey (USGS), USGS
Western Geographic Science
Center (WGSC), 2255, N. Gemini
Dr., Flagstaff, AZ 86001, USA

Message from the Editor-in-Chief

Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

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), Ei Compendex, PubAg, GeoRef, Astrophysics Data System, Inspec, dblp, and other databases.

Journal Rank: JCR - Q1 (Geosciences, Multidisciplinary) / CiteScore - Q1 (General Earth and Planetary Sciences)

Contact Us

Remote Sensing Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/remotesensing
remotesensing@mdpi.com
[X@RemoteSens_MDPI](https://twitter.com/RemoteSens_MDPI)