

## Special Issue

# Advanced Applications of Remote Sensing in Monitoring Marine Environment

### Message from the Guest Editors

Remote sensing in a marine environment is the use of sensors to retrieve remote, non-contact observations of the ocean to obtain images or data related to certain oceanic phenomena or processes. In recent years, advancements in remote sensing technology have enabled data collection with much higher spatial and temporal resolutions from either passive or active sensors. These new applications offer new opportunities and incredible new insights and interpretations for practical implementation in certain oceanic phenomena/processes. This Special Issue invites the most up-to-date applications on the hot topic of “Remote Sensing for Marine Environment Monitoring”, especially new observations, analytical methods, data, and modeling that can significantly improve our understanding of marine environmental sciences.

---

### 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

closed (31 December 2023)



## Remote Sensing

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.1  
CiteScore 8.6



[mdpi.com/si/127315](https://mdpi.com/si/127315)

*Remote Sensing*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[remotesensing@mdpi.com](mailto:remotesensing@mdpi.com)

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





# Remote Sensing

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.1  
CiteScore 8.6



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



## About the Journal

### Message from the Editorial Board

*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.

---

### Editors-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

Prof. Dr. Dongdong Wang

Institute of Remote Sensing and Geographic Information Systems, Peking University, Beijing, China

---

### 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)