



Advanced Applications of Remote Sensing in Monitoring Marine Environment

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)

Message from the Guest Editors

Dear Colleagues,

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.

Prof. Dr. Zhe-Wen Zheng

Prof. Dr. Jiayi Pan

Guest Editors





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)