

Special Issue

AI for Marine, Ocean and Climate Change Monitoring

Message from the Guest Editors

Within this context, we invite submissions focusing on the skillful analysis and prediction of ocean-related processes through artificial neural networks and other machine learning approaches or their combination in hybrid dynamical–statistical methods. Contributions on remote sensing and modeling approaches designed to improve forecasting across various temporal scales and understanding sources of uncertainty/error in the model predictions are also welcome. This Special Issue includes, but is not limited to, the following topics of interest:

- Global and regional climate change monitoring;
- Remote sensing and modeling of the oceans;
- Data-driven and machine learning algorithms;
- Data analysis, explainability, and prediction methods;
- Process-based modeling, integration, and fusion.

Guest Editors

Dr. Veronica Nieves
Dr. Ana B. Ruescas
Dr. Raphaëlle Sauzède

Deadline for manuscript submissions

closed (15 June 2023)



Remote Sensing

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 8.6



mdpi.com/si/96114

Remote Sensing
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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)