

## Special Issue

# GIS and Remote Sensing in Ocean and Coastal Ecology

### Message from the Guest Editors

We warmly invite you to contribute your research to this new Special Issue, entitled “GIS and Remote Sensing in Ocean and Coastal Ecology” of the *Remote Sensing* journal. GIS and remote sensing are vital technologies for exploring ocean and coastal system dynamics. A variety of satellites and sensors provide spatio-temporal data for the monitoring and assessment of day-to-day changes in the ocean and coastal environments. We encourage submissions exploring research advancements and applications of modeling systems and coastal monitoring systems to study hydrodynamics, morphodynamics, biodiversity, ecological processes and community succession of the coastal ecosystem; and ocean remote sensing, ocean color monitoring, modeling biomass and the carbon of oceanic ecosystems, biogeochemical process, sea surface temperature (SST) and sea surface salinity, ocean monitoring for oil spills and pollutions, coastal erosion and accretion measurement. We also kindly request your assistance in sharing this announcement with esteemed colleagues, encouraging them to contribute their expertise to this important field of study.

---

### Guest Editors

Dr. Gang Yang

Prof. Dr. Cunjin Xue

Dr. Yongze Song

Dr. Xiaoshuang Ma

Dr. Jianing Zhen

---

### Deadline for manuscript submissions

closed (31 May 2025)



## Remote Sensing

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.1  
CiteScore 8.6



[mdpi.com/si/182653](https://mdpi.com/si/182653)

*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 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.

---

### 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

---

### 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)