



Remote Sensing of Aquatic Ecosystem Monitoring

Guest Editor:

Dr. Yibo Zhang

1. State Key Laboratory of Lake Science and Environment, Nanjing Institute of Geography and Limnology, Chinese Academy of Sciences, Nanjing 210008, China
2. University of the Chinese Academy of Sciences, Beijing 100049, China

Deadline for manuscript submissions:

30 November 2024

Message from the Guest Editor

Dear Colleagues,

Remote sensing offers a systematic approach to monitoring vast aquatic environments, offering a comprehensive understanding of ecosystem dynamics over varying spatial and temporal scales. In this Special Issue, we curate a collection of articles that exemplify the most recent advancements, applications, and hurdles encountered in remote sensing for monitoring aquatic ecosystems, including aspects such as water quality, aquatic vegetation, algal blooms, and so on. Spanning from the tranquil depths of lakes and reservoirs to the meandering currents of rivers, these contributions underscore the transformative impact of remote sensing technologies in deepening our comprehension of aquatic ecosystems and their response to climatic and anthropogenic impacts. Moreover, they underscore the crucial role remote sensing plays in bolstering the sustainable management and conservation efforts aimed at preserving these invaluable natural resources.





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)