



Monitoring Terrestrial Water Resources Using Multiple Satellite Sensors (Second Edition)

Guest Editors:

Prof. Dr. Yao Li

Dr. Nan Xu

Dr. Yue Ma

Prof. Dr. Yi Ma

Deadline for manuscript
submissions:

31 October 2024

Message from the Guest Editors

This Special Issue aims to showcase the innovative use of multi-satellite strategies—especially the synergistic combination of different satellite sensors—in the fields of hydrology and limnology. We also invite submissions that present novel theories and methodologies in satellite technology applications for hydrology and related areas.

- Monitoring surface water environments;
- Assessing water resources and security;
- Evaluating drought and flood risk;
- Advancing water-related Sustainable Development Goals (SDGs);
- Tracking lake/reservoir levels and storage;
- Observing river levels and discharge;
- Mapping the bathymetry of inland waters;
- Surveying lake ice and snow cover;
- Leveraging big data and machine learning in water resource monitoring;
- Exploring other applications of satellite technology in hydrology and limnology.





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)