

Special Issue

Remote Sensing for Monitoring Nutrients in Coastal and Inland Waters

Message from the Guest Editors

This Special Issue aims to highlight recent advances and the current state of the art in quantitative nutrient concentration retrieval using remote sensing techniques. Article types may include original research articles, reviews, technical notes, and communications that employ data from spaceborne, airborne/UAVs, or ground-based multispectral or hyperspectral sensors. The topics should cover, but not be limited to, the following:

- *In situ* data collection strategies for predictive model input.
- Multi-sensor integration.
- Novel approaches for optimal band selection and combination.
- Models employed in nutrient retrieval: empirical, semi-empirical, analytical, or AI.
- Classification techniques.
- Climate change impact.

Guest Editors

Dr. Christos Domenikiotis

Department of Ichthyology and Aquatic Environment, School of Agricultural Sciences, University of Thessaly, 38446 Volos, Greece

Prof. Dr. Nikos Neofitou

Department of Ichthyology and Aquatic Environment, School of Agricultural Sciences, University of Thessaly, 38446 Volos, Greece

Deadline for manuscript submissions

28 February 2027



Remote Sensing

an Open Access Journal
by MDPI

Impact Factor 4.3
CiteScore 9.4



mdpi.com/si/265925

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 4.3
CiteScore 9.4



[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.

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)