

## Special Issue

# Recent Advances in Water Quality Monitoring

### Message from the Guest Editors

The main goal of this Special Issue is to provide a scientific platform to discuss recent advances in the application of RS systems and modeling and AI techniques to monitor the water quality parameters in the marine environment. Authors are encouraged to submit contributions on the advances in water quality assessment. Topics can include (but are not limited to) the following:

- Remote sensing products for water quality monitoring (chlorophyll-a, turbidity, harmful algal blooms, etc.);
- Marine litter detection and tracking;
- UAVs and other new sensing platforms' feasibility as water quality solutions;
- Integration and assimilation of satellite data into models of marine ecosystem dynamics;
- High spatial and temporal resolution remote sensing for studying ecosystem dynamics;
- Time series analysis and trends;
- Operational remote sensing products and their integration into classical monitoring programs;
- Generating higher-level ecosystem indicators from satellite data;
- Water quality analysis at national, continental, or global scale;
- Combining coastal and terrestrial remote sensing products to investigate water-catchment interactions.

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### Guest Editors

Dr. Alexandra Pavlidou

Prof. Dr. Ibrahim Hoteit

Dr. Ana Martins

Dr. Ioanna Varkitzi

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### Deadline for manuscript submissions

closed (15 January 2026)



## Remote Sensing

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Impact Factor 4.1  
CiteScore 8.6



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## 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.

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### Editors-in-Chief

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