Special Issue

Intelligent Remote Sensing for Wetland Mapping and Monitoring

Message from the Guest Editors

This Special Issue aims to showcase cutting-edge advances in intelligent remote sensing techniques for wetland mapping and monitoring. By promoting the integration of AI-driven methods and advanced time-series analyses, this Special Issue aligns with the journal's focus on remote sensing science, technology, and applications.

- Deep learning and machine learning approaches for wetland classification and change detection;
- Time-series analysis and spatiotemporal modeling for wetland dynamics;
- SAR, LiDAR, and novel remote sensing for wetland mapping and monitoring;
- Data fusion and integration of multi-source remote sensing for wetlands;
- AI-enabled techniques for high-resolution and large-scale wetland mapping;
- Remote sensing of wetland functional traits and ecosystem services;
- Monitoring of wetland hydrological, biogeochemical, and vegetation parameters;
- Automatic delineation and inventory of wetlands through intelligent algorithms;
- Assessment of wetland degradation, restoration, and connectivity with remote sensing.

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Deadline for manuscript submissions

31 March 2026

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/si/250025

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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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