

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.

Guest Editors

Dr. Ming Wang

Dr. Weidong Man

Dr. Xiao Huang

Dr. Mingyue Liu

Dr. Huiying Li

Dr. Hengxing Xiang

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Remote Sensing
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
remotesensing@mdpi.com

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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.

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

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