Special Issue

Multi-Scale Remote Sensing for Wetland Landscape Change Monitoring and Ecological Resilience

Message from the Guest Editors

Monitoring wetland landscape change and assessing their ecological resilience is essential for effective conservation and sustainable management. Advances in remote sensing technologies have enabled multi-scale, high-resolution observations of wetland environments, offering new opportunities to detect spatiotemporal changes, quantify ecosystem dynamics, and model resilience under varying environmental pressures. This Special Issue on *Remote Sensing* aims to highlight innovative research on the use of multi-scale remote sensing techniques for wetland monitoring and resilience assessment. Topics of interest include, but are not limited to, the following research areas:

- Multi-sensor and multi-resolution data fusion for wetland mapping;
- Quantitative monitoring of wetland extent, structure, and function;
- Time-series analysis of wetland dynamics;
- Remote sensing-based indicators of wetland resilience;
- AI and machine learning approaches for wetland classification and trend analysis;
- Applications of hyperspectral, LiDAR, SAR, and/or UAV data;
- Integration of remote sensing with ecological modeling or field observations.

Guest Editors

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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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