Special Issue

Reviews in Remote Sensing Image Processing: Methods, Architectures, and Applications

Message from the Guest Editor

This Special Issue is dedicated exclusively to high-quality review papers that provide in-depth surveys of remote sensing processing techniques. The goal is to offer a clear and structured overview of the State of the Art, including the comparative evaluation of algorithms, methodological taxonomies, technological developments, and application-driven innovations. Such reviews will serve as essential references for both new researchers entering the field and established scholars aiming to identify gaps and future research directions.

- Image enhancement and restoration;
- Remote sensing image classification and segmentation;
- Optical/hyperspectral/multispectral/infrared/radar/sonar image analysis;
- Remote sensing object-based image understanding;
- Object/change/anomaly detection;
- Geospatial image fusion;
- Multi-modal/multi-sensor/multi-temporal data fusion;
- Machine learning for remote sensing image processing;
- Image augmentation techniques;
- Image registration, stitching, and georeferencing;
- Remote sensing image compression.

Guest Editor

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Deadline for manuscript submissions

30 January 2026

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

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