Special Issue

Recent Advances in Remote Sensing of Soil Science

Message from the Guest Editors

The aim of this Special Issue is to highlight novel methodologies, workflows, and sensors that can be used to predict soil properties from remote sensing data (i.e., space- or airborne platforms) using digital soil mapping or artificial intelligence techniques. Methodologies may cover the entire scope of soil property mapping, from the generation of bare soil synthetic images from multi-temporal data (if applicable) to novel techniques on the final layer of the estimation process. Review papers comparing different methodologies are also welcome. We invite researchers to contribute original research articles, reviews, and case studies focusing on the remote sensing of soil properties. Topics of interest include, but are not limited to:

- Soil property mapping from UAV or other airborne data and satellite imagery (such as data from the Copernicus space program);
- Monitoring of soil degradation and erosion using remote sensing;
- Development of novel remote-sensing-based soil monitoring frameworks;
- Assessing the impact of land use and management practices on soil health;
- Applications of remote sensing in reduced carbon footprint agriculture and soil fertility management.

Guest Editors

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Deadline for manuscript submissions

31 May 2025

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.2
CiteScore 8.3

mdpi.com/si/172057

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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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