

Special Issue

New Insights in Crop Monitoring and Management Using Remote Sensing Data

Message from the Guest Editors

This special issue aims to compile the latest research in remote sensing technologies that apply to monitoring and retrieving crop and soil biophysical variables and genetic and phenotypic parameters; it also welcomes remote sensing-based solutions to support field management decisions for improved resource use efficiency and sustainable production. This issue interests stakeholders in the agricultural policy areas, including climate change adaptation, digital agriculture and modern farming techniques. We welcome original research contributions, exhaustive reviews, new remote sensing methodologies and relevant applications in diverse agricultural environments with the latest developments in agricultural technologies. Specifically, we invite papers on the following research topics:

- progress in scientific methodologies in crop monitoring and management using remote sensing data;
- innovative remote sensing and image analysis tools or methods for enhanced quantification of biophysical and biochemical variables of crops and soils;
- application of a holistic system of these approaches.

Guest Editors

Prof. Dr. Jonghan Ko

Prof. Dr. Wei Xue

Dr. Xinwei Li

Deadline for manuscript submissions

closed (30 July 2024)



Remote Sensing

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Impact Factor 4.1
CiteScore 8.6



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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

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