Special Issue

Remote Sensing for Precision Farming and Crop Phenology

Message from the Guest Editors

Precision farming is known as the latest development in farming management, based on observing, measuring, and responding to field variability in crops. Crop phenological state is one of the most important factors for crop management, including crop yield estimation based on spatial variability. Furthermore, the recent advantages on remote sensing, with increasing temporal, spatial, and spectral resolution, would provide significant novel research opportunities into precision farming. Moreover, recent rapid developments into drone, IoT, and related technologies allows us to collect environmental and crop physiological parameters with high temporal frequency. In this Special Issue on "Remote Sensing for Precision Farming and Crop Phenology", we would invite multidisciplinary authors who are interested in not only remote sensing applications but also agriculture-related fields. We particularly welcome contributions exploring technologies and applications for time/spatial dimensional observation and analysis of crop temporal and spatial dynamics. Review articles are also welcome.

Guest Editors

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Deadline for manuscript submissions

closed (15 June 2025)

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.

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