

## Special Issue

# Remote Sensing for Plant Diseases and Pests

### Message from the Guest Editors

The impact of plant diseases and pests on crop production, food security, and sustainability of natural ecosystems has increased in recent years due to the globalization of trade and travel, climate change, and the emergence of novel pathogen strains able to overcome innate host resistance. The urgent threat disease and pests pose to modern agriculture demands tools for better detection and monitoring to achieve effective control. The nascent discipline of remote sensing for plant protection has demonstrated great promise for achieving this goal due to its inherent scalability and capacity for passive monitoring, well beyond what is possible from field surveys and laboratory analyses alone. However, remote sensing for plant disease and pests remains an underdeveloped discipline despite its revolutionary potential, with research challenges facing fundamental study and field application. This Special Issue addresses recent advances in remote sensing research via fundamental study and translational application in crop protection across scales.

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### Guest Editors

Dr. Rocío Calderón Madrid

Dr. Carlos Camino

Dr. Tomás Poblete

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### Deadline for manuscript submissions

closed (25 December 2023)



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