



## Deep and Machine Learning Applications in Remote Sensing Data to Monitor and Manage Crops Using Precision Agriculture Systems II

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Deadline for manuscript submissions:

**closed (31 August 2023)**

### Message from the Guest Editors

Dear Colleagues,

With the evolution of orbital and proximal remote sensing technologies, big data that must be converted to information are being generated in the agricultural sector. These data, when analyzed with machine and deep learning approaches, can be successfully utilized for remote sensing products. The computational power of cloud-based systems and recent advances in farm machinery providing data collection, processing, and analysis open up several opportunities for the development and adoption of new technologies. Large-scale precision experimentation conducted in partnership with commercial farms and using new sensors on UAVs, crop duster airplanes, and satellites, such as radar technologies that allow daily remote data collection under cloudy skies, are exciting and require further investigation. New equipment and sensors are enabling better crop monitoring and land use at a regional scale.

This Special Issue of *Remote Sensing* aims to present publications from collaborators working with a big pool of data and analyzing them using deep and machine learning approaches in precision agriculture and aiming to improve regional-scale remote sensing applications.





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## Message from the Editor-in-Chief

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