# Special Issue

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

## Message from the Guest Editors

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.

## Guest Editors

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## Deadline for manuscript submissions

closed (31 August 2023)

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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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