Special Issue

Remote and Proximal Sensing Applied to Agriculture and Forest Sciences

Message from the Guest Editors

Remote and proximal sensing technologies enable the acquisition of diverse spatial data, and they represent one of the pillars of the digital agriculture and forestry. New-generation satellites hosting hyperspectral cameras along with price decreases have laid the foundation for important steps ahead in land monitoring. In terms of proximal sensing, innovative platforms have been developed in recent years. This Special Issue calls for manuscripts related to recent research and activities that demonstrate the proficient use of remote and/or proximal sensing techniques in agriculture and forestry. The topics of the submitted manuscripts include:

- Applications of innovative sensors or technologies for soil, crops, and forest monitoring
- Uncertainty and accuracy of remote/proximal sensing techniques
- Multisource data integration
- Predictive models based on remote /proximal sensing data
- Comparisons of different techniques
- Remotely and proximally sensed-assisted agricultural practices
- Remote sensing of forest disturbances (wildfire, droughts, biotic stresses, etc.).

This Special Issue welcomes diverse types of articles.

Guest Editors

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Dr. Antonello Bonfante

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Deadline for manuscript submissions

closed (26 August 2023)

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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