Special Issue

Digital Agriculture with Remote Sensing

Message from the Guest Editors

On-farm, digital agriculture promises to increase farming efficiency through data-driven decisions and to minimise the impact on the environment. Off-farm, digital agriculture benefits many actors across the supply chain (industry, agribusiness and government). Remote sensing is an important data source and has been integrated into a variety of analytical tools to monitor crop growth and crop production from the field scale to the global scale. Given recent advances in machine learning and unprecedented data availability, our community is well-positioned to help deliver on the promises of digital agriculture. This special issue invites papers on the following topics: • Crop, rangeland and pasture monitoring • Idenfitication of crop types, field boundaries, practices, and phenology • Yield prediction and yield forecasting • Synergies between remotely-sensed and in-situ data, street-level imagery, and climate data • Integration of models and remote sensing • Field-level and site-specific recommendations, variable rate application • Crop health, nutrition, and phenotyping

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Deadline for manuscript submissions

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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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