Digital Farming with Remote Sensing

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Message from the Guest Editors

This Special Issue welcomes manuscripts including, but not limited to: (1) the acquisition of remote sensing data, including the innovative development of intelligent equipment, new sensors and corresponding applications; (2) the estimation of the key traits of crops through the interpretation of raw reflectance or images, e.g., imagery processing algorithms, radiative transfer model development, improvements to inversion algorithms, and new traits that could be estimated from remote sensing data; (3) the monitoring of crop growth and status in regional, field, microplot or plant scales in near-real-time or continuous modes; (4) the precision management of fields from single or multiple remote sensing platforms, e.g., early mapping of crop types, field heterogeneity analysis, detection of crop stress and diseases, estimation of fertilization dates and amounts, prediction of flowering or harvest dates, and improvements in crop yield prediction; (5) the algorithms that combine data from multiple platforms or sensors to generate more accurate traits and achieve better precision managements.

Special Issue

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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.

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