Special Issue

Cropland and Yield Mapping with Multi-source Remote Sensing

Message from the Guest Editors

Accurate and timely information on cropland distribution and crop yield estimation or in-season forecasting can be used to support government agricultural decision making, assist in agricultural management practices, and optimize resource use. With the rapid development of the radiometric, spatial, temporal, and spectral resolutions of remote sensing technology, the integration of multi-source remote sensing is a good way to enhance the spatial resolution, improve data accuracy, capture a broader range of environmental variables, and enable the comprehensive monitoring and analysis of landscapes at various scales. Therefore, to better understand the challenges and opportunities presented by integrating multi-source remotely sensed observations for agricultural applications (especially for cropland or crop yield mapping), this Special Issue aims to invite original and innovative research on applications of multi-source remote sensing for croplands, the crop yield, and crop-type mapping, or crop parameter retrieval using data assimilation algorithms, machine learning, and deep learning methods, or other state-of-the-art approaches.

Guest Editors

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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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