Special Issue

Crops and Vegetation Monitoring with Remote/Proximal Sensing

Message from the Guest Editors

Remote and proximal sensing are exceedingly powerful techniques for characterizing and monitoring crop or vegetation properties at reasonable temporal and spatial resolutions. Remote sensing uses airborne and spaceborne platforms to collect muti- and hyperspectral imagery, and is widely applied for the vegetation monitoring of large-scale interest with respect to the effect of geophysical and climate parameters. In contrast, proximal sensing using various types of sensors mounted on static, mobile and unmanned aerial vehicle (UAV) platforms can supply functional and structural information for smart agriculture and plant phenotyping, as well as detailed ground information for mechanism analysis in agricultural land, grassland and forest ecosystems. This Special Issue encourages discussion concerning innovative techniques/approaches based on the various types of remote sensing data, remote or proximal, to monitor crop and vegetation properties, including plant phenotyping, smart agriculture, vegetation mapping, biophysical or biochemical parameter estimation or inversion, health, and productivity in various ecosystems at different spatial and temporal scales.

Guest Editors

Prof. Dr. Kenji Omasa

Prof. Dr. Shan Lu

Prof. Dr. Jie Wang

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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

Dr. Prasad S. Thenkabail
Senior Scientist (ST), U. S. Geological Survey (USGS), USGS Western Geographic Science Center (WGSC), 2255, N. Gemini Dr., Flagstaff, AZ 86001, USA

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