Special Issue

Remote Sensing Applications in Agricultural Ecosystems

Message from the Guest Editors

The world's population is projected to increase continuously throughout the 21st century. To mitigate the global food security problem, it is of utmost importance to improve crop health and enhance grain yield through better agricultural management, crop cultivars, etc. Remote sensing has many advantages in monitoring crop growth at the regional and global scales and detecting crop responses to various stresses (such as droughts, pests, and limited nutrient availability) that are invisible to humans. This Special Issue aims to present a collection of papers on topics regarding remote sensing applications in agricultural ecosystems from local to regional and global scales. Acceptable topics include, but are not restricted to, crop yield prediction, nutrient limitation, cropland area change, crop phenology, agricultural drought and water stress, the carbon balance in and greenhouse gas emissions from agricultural lands, crop health assessment, agricultural fires, and crop type classification. Papers are required to include a novelty, such as a new satellite sensor or data archive, a new approach to analysis, or a novel application to improve crop monitoring and evaluation.

Guest Editors

Dr. Jia Yang
Dr. Bo Tao
Dr. Padmanava Dash

Deadline for manuscript submissions

closed (23 November 2022)

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 9.4

mdpi.com/si/70546

Remote Sensing
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
remotesensing@mdpi.com

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Message from the Editorial Board

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.

Editors-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

Prof. Dr. Dongdong Wang
Institute of Remote Sensing and Geographic Information Systems, Peking University, Beijing, China

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