Special Issue

Deep and Machine Learning Applications in Remote Sensing Data to Monitor and Manage Crops Using Precision Agriculture Systems II

Message from the Guest Editors

With the evolution of orbital and proximal remote sensing technologies, big data that must be converted to information are being generated in the agricultural sector. These data, when analyzed with machine and deep learning approaches, can be successfully utilized for remote sensing products. The computational power of cloud-based systems and recent advances in farm machinery providing data collection, processing, and analysis open up several opportunities for the development and adoption of new technologies. Large-scale precision experimentation conducted in partnership with commercial farms and using new sensors on UAVs, crop duster airplanes, and satellites, such as radar technologies that allow daily remote data collection under cloudy skies, are exciting and require further investigation. New equipment and sensors are enabling better crop monitoring and land use at a regional scale. This Special Issue of *Remote Sensing* aims to present publications from collaborators working with a big pool of data and analyzing them using deep and machine learning approaches in precision agriculture and aiming to improve regional-scale remote sensing applications.

Guest Editors

Dr. Carlos Antonio Da Silva Junior

Department of Geography, State University of Mato Grosso (UNEMAT), Sinop 78550-000, MT, Brazil

Dr. Luciano Shiratsuchi

School of Plant, Enviromental and Soil Sciences, Louisiana State University (LSU), Baton Rouge, LA, USA

Deadline for manuscript submissions

closed (31 August 2023)

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/si/163337

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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