Special Issue

Application of Satellite and UAV Data in Precision Agriculture

Message from the Guest Editor

The goal of precision agriculture is to increase crop yields while minimizing inputs such as water, fertilizer, and pesticides. As a space–air–ground integrated information collection technology, remote sensing has the potential to provide people with detailed and accurate data, enabling precise planting and intelligent management. Satellite and UAV data are widely used in crop monitoring, providing up-to-date information on moisture stress, nutrient levels, and disease. It can provide farmers with guidance to optimize crop inputs, such as water, fertilizer, or chemicals. The Special Issue invites contributions using satellite and UAV data in precision agriculture. Topics of interest for this Special Issue include, but are not limited to:

- Decision support systems for agricultural monitoring;
- Water resource management;
- IoT in agriculture;
- Soil fertility and plant nutrition;
- Soil moisture and plant water content;
- Yield monitoring and mapping;
- Insect pest monitoring and management;
- Variable rate applications;
- Stakeholder perception on the adoption of digital technologies in agriculture.

Guest Editor

Dr. Mobushir Riaz Khan
School of Environmental Sciences, Charles Sturt University, Albury, NSW, Australia

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

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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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