

Special Issue

GIS and Remote Sensing Application in Food Production and Food Security

Message from the Guest Editors

Agriculture, and its mission to feed an increasing human population, will be challenged by facing a reduced availability of natural resources. Geospatial sciences are at the basis of precision agriculture, and they are extremely important for achieving increased sustainability and efficiency of agricultural systems and food production. With this Special Issue, we will inventory the state-of-the-art research that addresses the operational methods for the identification of soil and crops and for monitoring status and processes related to food production. The focus is on drones, and aerial and satellite-based data indicator(s), at all scales; crop biophysical parameter-based crop yield models, and the integration of crop models with satellite-based inputs; and indices-based crop area estimation.

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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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