

## Special Issue

# Remote Sensing Technologies, Crop Yield, Soil and Weather Data Integration in Digital Agriculture

### Message from the Guest Editors

The current global food and agriculture system is facing major global challenges including climate change, population growth, environmental degradation biodiversity loss and natural resources depletion. It is recognized that agricultural digitalization might be one of the approaches that can help to counterbalance the current situation with the help of remote sensing and other technologies producing a huge amount of relevant data at parcel, farm and regional levels. In this special issue; we focus on the state-of-art research on digital agriculture enabled by integrating remote, proximal and ground sensing technologies with crop, soil and weather data in search of a sustainable use of farm inputs. Innovative approaches are solicited on measurement, management/integration and use of data established by technologies for better understanding and managing the within-field variability and its relationship with remote, proximally and ground-sensed data.

Dr. Michał Stępień  
Dr. Bahattin Akdemir

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### Guest Editors

Dr. Abid Ali  
Dr. Flavio Lupia  
Dr. Zhongxin Chen  
Dr. Dariusz Gozdowski

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### Deadline for manuscript submissions

closed (13 October 2023)



## Remote Sensing

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Impact Factor 4.1  
CiteScore 8.6



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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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### Editor-in-Chief

Dr. Prasad S. Thenkabail

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