Special Issue

Recent Advances for Crop Mapping and Monitoring Using Remote Sensing Data

Message from the Guest Editors

Recent years have seen rapid advancements in the use of remote sensing data for agricultural applications. This progress has been achieved because of engineering advances in satellite sensors and the development of open data policies from satellite data providers. All of these advances have encouraged different sectors from government agencies and policy makers to private industry to include remote sensing data in their agricultural decision support systems. This Special Issue solicits papers that document recent advances in remote sensing applications in agriculture, including crop type mapping, crop water stress and crop disease monitoring, crop yield prediction, crop biophysical parameter estimation, cover crop mapping, and crop residue monitoring using remote sensing data. Research papers that use advanced remote sensing techniques such as multiresolution data fusion, SAR and optical data integration, SAR polarimetry, and SAR interferometry are welcome. We also encourage manuscripts that focus on advanced modeling approaches such as new methods in machine learning/artificial intelligence or their integration with physical models.

Guest Editors

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Dr. Ritvik Sahajpal

Dr. Hannah Kerner

Deadline for manuscript submissions

closed (28 February 2022)

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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

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