Special Issue

Remote Sensing and Associated Artificial Intelligence in Agricultural Applications

Message from the Guest Editors

The following topics are strongly encouraged:

- Research experiences relating to the potentialities and limits of AI in supporting remote-sensing-based applications in agricultural and forest contexts.
- AI for data integration aimed at maximizing the exploitation of spatial, temporal, and spectral features of sensors from different platforms with special concern about scalable approaches relying of the adoption of RPAS, aerial and satellite datasets.
- AI for supporting remote-sensing-based services in agriculture and its relationship with data integration and analysis systems (DIASs), high-performance computing (HPC) and Internet of Things (IoT).
- AI for hyper/multi-spectral image interpretation/classification.
- AI for point cloud interpretation from digital photogrammetry and LiDAR systems.
- AI for time trends analysis and interpretation (e.g., crop phenology detection and forecasting, drought trend modelling, etc.).
- AI to support decision-support systems for crop management (irrigation, fertilization, crop protections, etc.) based on the integration of satellite, meteorological and field data.

Guest Editors

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Deadline for manuscript submissions

closed (30 June 2024)

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About the Journal

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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