Special Issue

Remote Sensing and Associated Artificial Intelligence in Agricultural Applications (2nd Edition)

Message from the Guest Editors

This Special Issue on "Remote Sensing and Associated Artificial Intelligence in Agricultural Applications" aims to assemble high-level contributions to provide an exhaustive overview of ongoing geomatics and remote sensing-related techniques, making use of artificial intelligence to support agricultural applications. 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 time trends analysis and interpretation (e.g., crop phenology detection and forecasting, drought trend modeling, 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. All other proposals related to the adoption of AI applied to remote sensing in agriculture will also be evaluated.

Guest Editors

Prof. Dr. Enrico Corrado Borgogno Mondino

Dr. Filippo Sarvia

Dr. Samuele De Petris

Deadline for manuscript submissions

30 June 2026

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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