

Special Issue

Fine-Scale Satellite Mapping of Smallholder and Fragmented Agricultural Landscapes

Message from the Guest Editors

Agricultural land-cover and land-use information is fundamental for food security assessment, crop production monitoring, land management, and climate-change adaptation. Satellite remote sensing has greatly improved the capacity to observe agricultural systems across large areas and through time. However, accurate mapping remains challenging in smallholder, fragmented, mixed, and highly heterogeneous agricultural landscapes. Recent advances in satellite observations, dense time-series analysis, multi-temporal classification, deep learning, and phenology-aware modelling provide new opportunities to characterize complex agricultural landscapes with greater spatial and temporal detail. The aim of this SI is to promote recent advances in satellite-based remote sensing for fine-scale agricultural land-cover and land-use mapping in fragmented, heterogeneous, and smallholder-dominated landscapes. This SI welcomes submissions on topics including, but not limited to::
Fine-Scale Mapping of Fragmented Agricultural Landscapes:

Phenology-Aware Crop Classification:

Mapping Multiple Cropping, Crop Rotations, and Fallow Land:

Detection of Agricultural Land-Use Change:

Guest Editors

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Deadline for manuscript submissions

31 March 2027



Remote Sensing

an Open Access Journal
by MDPI

Impact Factor 4.3
CiteScore 9.4



mdpi.com/si/287970

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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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