

Special Issue

Mapping and Monitoring of Agricultural Land Subtypes with Remote Sensing Technologies

Message from the Guest Editors

Agricultural land is not a homogeneous entity but a mosaic of diverse land use types, including paddy fields, rainfed croplands, agriculture facilities, and aquaculture ponds. The precise identification and mapping of these subtypes are critical for optimizing agricultural resource management, ensuring food security, and mitigating environmental risks such as soil degradation, water pollution, and plastic waste accumulation. Remote sensing technologies—due to advancements in high-resolution satellite imagery, hyperspectral sensors, UAVs, and AI-driven analytics—provide unprecedented opportunities for us to achieve the fine-grained discrimination of agricultural land subtypes. This Special Issue seeks to address these challenges by spotlighting cutting-edge methodologies for the fine-scale classification and dynamic monitoring of agricultural land subtypes, with a focus on practical applications in sustainable land use planning and environmental governance.

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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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