Special Issue

Remote Sensing in Ecophysiological and Agricultural Applications

Message from the Guest Editors

With a growing global population, sustainable agriculture becomes more and more important. While dealing with climate variability and change, how to produce more food of higher quality with limited resources is a great challenge. Therefore, information on the ecological and physiological (Ecophysiological) status of crops would be essential for crop growth diagnostics and yield prediction. In this context, to fulfill these demands, there have been significant improvements in assessing plant Ecophysiology technologies. The developments in remote sensing, such as using ground-based, airborne, and satellite platforms, are providing new insight and capabilities for understanding vegetation and ecosystem properties, dynamics, and functional processes. Meanwhile, global observations span multiple spectral ranges (visible, near-infrared, thermal, microwave, etc.), enabling more precise documentation and a new understanding of vegetation changes and their environmental controls.

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Deadline for manuscript submissions

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Message from the Editorial Board

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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