Special Issue

Hyperspectral Remote Sensing of Vegetation Functions

Message from the Guest Editors

This Special Issue is, thus, calling for state-of-the-art studies on processing and analyzing hyperspectral information acquired from different platforms (leaf spectroscopy, tower-based proximal remote sensing, UAV mounts, airplane/satellite-borne devices), with the target fof clarifying the underlying physical and physiological mechanisms and for accurately tracking the dynamics of vegetation functions. Special focus will be placed on, but is not limited to:

- Novel techniques (statistical/RTM/machine-learning or deep-learning) for retrieving and tracing vegetation functions (especially ecophysiological processes) from hyperspectral data.
- Novel research on clarifying the physical and physiological bases of hyperspectral information using field monitoring, laboratory-controlled experiments, or RTM simulation datasets.
- Insightful research on upscaling/downscaling mechanisms of the relationships between hyperspectral information and vegetation functions from leaf to canopy and plot levels.

Guest Editors

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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.

Editor-in-Chief

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