Special Issue

Hyperspectral Remote Sensing of Vegetation Functions: Assessing Vegetation Ecophysiology II

Message from the Guest Editors

The aim of this Special Issue is to report on recent advances in hyperspectral remote sensing retrieval algorithms and radiative transfer modeling in relation to plant physiological and ecological status and processes, as well as their applications in assessing vegetation responses to various stresses. Special focus will be placed on, but not limited to:

- Different approaches (statistical/RTM/machine learning or deep learning) to hyperspectral remote sensing of key vegetation parameters of ecophysiological processes.
- Mechanistic understanding of hyperspectral information and vegetation ecophysiological parameters through theoretical and experimental developments.
- Integrated modeling of radiative transfer and ecophysiological processes.
- Hyperspectral remote assessment of vegetation responses to stress conditions at different scales.
- Research into the application of hyperspectral remote sensing products for a better understanding of vegetation ecophysiology across a range of spatial and temporal scales.

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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