



## Hyperspectral Remote Sensing of Vegetation Functions: Assessing Vegetation Ecophysiology II

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Deadline for manuscript submissions:

**closed (31 March 2024)**

### 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.





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## Message from the Editor-in-Chief

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