



## Remote Sensing of Photosynthesis with Sun-Induced Chlorophyll Fluorescence and Photochemical Reflectance Index

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Deadline for manuscript  
submissions:

**closed (1 July 2023)**

### Message from the Guest Editors

We invite research that advances our understanding of the SIF and PRI signals at various scales, and their link with photosynthesis to improve understanding of photosynthesis as well as carbon and water cycles. Articles covering but not limited to the following topics are invited for this Special Issue:

1. Technological developments in the field of remote sensing of SIF and PRI, such as retrieval algorithms and measurement systems for various platforms.
2. Radiative transfer modeling of the reflectance and SIF signals of leaf and canopy.
3. Theoretical and experimental developments on mechanistic upscaling of the relationship between non-photochemical quenching, LUE, and fluorescence.
4. Research applying SIF and/or PRI for a better understanding of photosynthesis and vegetation status.





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## Message from the Editor-in-Chief

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