



## Plant Tissue Optics

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Deadline for manuscript  
submissions:

**closed (31 October 2021)**

### Message from the Guest Editors

Dear Colleagues,

Plant tissue optical properties are an important determinant of light energy harvest and of the interactions between plants and their environment.

This Special Issue focuses on the optical properties of plant organs/tissues, mainly leaves, related to photosynthesis and photoprotection, as well as properties probed by chlorophyll fluorescence or other suitable techniques. These include plant anatomy features viewed under the aforementioned perspective, photosynthesis studies, the use of optical or other probes to describe the organ internal light microenvironment and light propagation phenomena, modeling of the plant-light interaction and optical, spectral and photosynthetic parameters examined under an ecophysiological perspective.

Studies in applications of optical and spectral properties in remote sensing are considered as out of scope but studies of optical properties that are used as a theoretical basis of remote sensing applications are welcome.





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## Editor-in-Chief

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## Message from the Editor-in-Chief

*Plants* is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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