



## Applications of Optical Spectroscopy in Plant Sciences

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Deadline for manuscript  
submissions:

**closed (31 October 2021)**

### Message from the Guest Editors

Dear Colleagues,

Currently, there are many non-invasive technologies applied to monitoring plants under various conditions, stemming from the development of optical spectroscopy techniques. These are implemented in devices with different functionalities and hardware, assisted by the increasingly accessible computing power and machine learning techniques.

In this Special Issue, we invite submissions exploring the development and applications of different forms of optical spectroscopy in plants, namely, visible/near infrared (spectral, multispectral, and hyperspectral), fluorescence (e.g., laser-induced fluorescence) and Raman. Contributions can focus on the development of different spectroscopic systems, applications performed with commercial devices for the monitoring of plants' responses under specific conditions, or integrated monitoring systems. Survey papers and reviews are also welcomed.

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Guest Editors





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## Editor-in-Chief

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## Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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