

Special Issue

Application of Infrared Sensing and Thermal Imaging on Plants and Crops

Message from the Guest Editor

Infrared and thermal imaging are well-known noninvasive and contactless techniques. They represent outstanding innovations applied in many fields that are becoming more popular in plant studies and agriculture. This Special Issue welcomes original articles, reviews, and short communications focusing on fundamental or applied research relating to the use of infrared and thermal imaging for the analysis and sensing of plant and crop systems. Contributions on passive or active approaches, realized in proximal or remote scales (e.g., with UAV systems), in laboratories or in fields, are welcome and suited for this Special Issue. We aim to cover spectral scales from NIR to LWIR also through multi- and hyperspectral infrared applications.

Guest Editor

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Deadline for manuscript submissions

closed (31 August 2024)



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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.

Editor-in-Chief

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