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Sensing and Imaging for the Monitoring of Seeds and Plants

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Deadline for manuscript submissions:

closed (31 December 2021)

Message from the Guest Editors

Dear Colleagues,

Sensors of all kinds, and mounted on a variety of platforms, are increasingly being used to monitor natural and human-influenced landscapes right around the world. However, recently there has been an increased focus upon the use of sensors to monitor plants and vegetation, whether this be in urban areas, agricultural systems, or natural ecosystems. Such monitoring occurs for a great variety of purposes, from assessment of crop yield and phenology to plant health or the assessment of ecosystem trajectory in landscapes undergoing rehabilitation or ecological restoration. This Special Issue welcomes empirical research of all kinds, in all ecosystems, that expands or improves the use of sensors to monitor plants at every life cycle stage, including as seeds, and enhances our mechanistic understanding of how sensor data can be examined or analysed to provide meaningful information about the ecology, physiology or growth of plants and vegetation.

Dr. Adam T. Cross

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Guest Editors



mdpi.com/si/85202

Special Issue



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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

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Journal Rank: JCR - Q2 (*Chemistry, Analytical*) / CiteScore - Q1 (Instrumentation)

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