

Special Issue

Multi-Sensor Fusion for Soil Monitoring

Message from the Guest Editors

Fast and accurate measurement of soil properties is important for precision agriculture and food safety. A variety of soil sensors have been applied in order to determine soil properties rapidly during the past several decades. Spectroscopy in particular has increased in popularity because it is rapid, timely, cost-effective, non-destructive and straightforward. With the development of sensors, more and more portable sensors has been applied alone or in combination for soil monitoring. In this Special Issue, we are finding and collecting original manuscripts that fusing proximal soil sensors including vis-NIR, mid-IR, PXRF etc. for soil properties estimation. We are also seeking manuscripts that improve estimation accuracy based on field conditions or use machine or deep learning methods for soil estimation.

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Deadline for manuscript submissions

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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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