

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.

Guest Editors

Dr. Dongyun Xu

College of Resources and Environment, Shandong Agricultural University, Taian 271000, China

Dr. Wenjun Ji

College of Land Science and Technology, China Agricultural University, Beijing 100193, China

Deadline for manuscript submissions

closed (20 March 2023)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/116841

Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

[mdpi.com/journal/
sensors](https://mdpi.com/journal/sensors)





Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



[mdpi.com/journal/
sensors](https://mdpi.com/journal/sensors)



About the Journal

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.

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro
Department of Electrical and Information Engineering, Politecnico di Bari, Via Orabona 4, 70126 Bari, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Ei Compendex, Inspec, Astrophysics Data System, and other databases.

Journal Rank:

JCR - Q2 (Instruments and Instrumentation) / CiteScore - Q1 (Instrumentation)