

Special Issue

New Sensors for Monitoring of Soil Parameters

Message from the Guest Editors

The development of precise agriculture and the global need to save water resources determines the necessity for rational soil treatment. It requires the use of more or less complicated soil environment monitoring systems equipped with different types of sensors. The state of soil water in particular is the most challenging, with dielectric soil moisture sensors as the most commonly used. The aim of this Special Issue is to present the current state of sensor development for monitoring soil parameters. Researchers and practitioners all over the world develop soil sensors to be more accurate, faster, user-friendly, cost-effective, scalable, and capable of being used in IoT cloud services. Modern technology continuously gives new tools for the development of new environmental sensors, making this task never-ending.

Guest Editors

Prof. Wojciech Skierucha

Institute of Agrophysics, Polish Academy of Sciences, Doświadczalna 4, 20-290 Lublin, Poland

Dr. Marcin Kafarski

Institute of Agrophysics, Polish Academy of Sciences

Deadline for manuscript submissions

closed (30 April 2022)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/56344

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)