

Special Issue

Remote Sensing for Water Monitoring in Agricultural Management and Development

Message from the Guest Editor

We sincerely solicit your contributions in this field to our Sensors Special Issue. Research or review articles with respect to the following topics are welcome:

- Reconstructing the components of water balance by remote sensing;
- Soil moisture estimation by remote sensing;
- Vegetation processes indicators derived from remote sensing evapotranspiration retrievals;
- Solving agricultural planning optimization problem based on satellite data;
- Assimilation of remote sensing data in the forecast hydrological models;
- The research basins with long-term in situ monitoring for the satellite product validation;
- Novel mathematical methods for interpretation of the remote sensing data in water management;
- Flood control drought preparedness and mitigation and irrigation planning based on remote sensing data.

Guest Editor

Dr. Alla Yurova

V.V. Dokuchaev Soil Science Institute, Pyzhevskiy Pereulok 7, Moscow 119017, Russia

Deadline for manuscript submissions

closed (30 June 2023)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/112172

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

mdpi.com/journal/

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





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

Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 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)