

Special Issue

Remote Sensing and GIS Applications on Groundwater Research

Message from the Guest Editor

Groundwater is one of the most important natural resources because, in many regions, it is the main source of water supply, essential for human activities, economic development, and environmental conservation. Groundwater has several relevant advantages compared with surface water: it is less affected by evaporation, is available over large regions, and normally is of higher quality and more protected from possible pollution. This Special Issue of *Sensors* will present the latest advances in the application of remote sensing and GIS data analysis in the field of groundwater research and management. We invite contributions that address every aspect of remote sensing and GIS related to the following research issues:

- Hidrogeological mapping
- Soil moisture monitoring
- Assessment of natural and artificial groundwater recharge
- Submarine groundwater discharge (SGD) evaluation
- Assessment of groundwater use in irrigated agriculture
- Groundwater-surface water interaction
- GIS-based groundwater management

Guest Editor

Prof. Dr. Francisco Carreño Conde

Biology and Geology Department, Universidad Rey Juan Carlos, 28933 Madrid, Spain

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/69533

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

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)