

Special Issue

The Application of Portable Sensors in Environmental Monitoring

Message from the Guest Editors

This Special Issue aims to publish both review and original research articles related to portable sensors applications in environmental monitoring. The Special Issue is open to contributions on air, water, and soil monitoring using handheld, smartphone-enabled, drone or robot-mounted strategies. The underlining technologies and targets can be physical, chemical or biological in nature. The device or system is preferred to be self-contained without the need for external electrical power, pumps or equipment. A completely autonomous self-powered device or system is recommended for consideration. Examples of applications are turbidity sensors, airborne particles counters, environmental hormone sensors, heavy metals sensors, genomic sensors, airborne and waterborne bacterial and viral sensors, and radiation sensors.

Guest Editors

Prof. Dr. Ahjeong Son

Department of Environmental Science and Engineering at Ewha Womans University, 52 Ewhayeodae-gil, Seodaemun-gu, Seoul, Republic of Korea

Prof. Dr. Beelee Chua

School of Electrical Engineering, Korea University, Seoul, Korea

Deadline for manuscript submissions

closed (30 June 2021)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/45592

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)