

Special Issue

Advanced and Smart Multisensory Systems for Monitoring and Control of GHG, VOCs and Environmental Odours

Message from the Guest Editors

A fingerprint which, determined with intelligent systems and continuously and dynamically updated, can act as a proactive tool to avoid various impacts and, through the adoption of IoT actions, to control industrial processes and/or sources. This Special Issue focuses on the study and development of these innovative systems which, through the measurement of multiple gaseous compounds, allow for the monitoring of complex systems, managing to characterize and define a fingerprint for control purposes. This Special Issue aims to collect original research and review articles on recent advances, technologies, solutions, applications, and new challenges in the field of advanced and smart instrumental systems for the monitoring and active control of GHG, VOCs, and environmental odours.

Guest Editors

Prof. Dr. Tiziano Zarra

Sanitary Environmental Engineering Division (SEED), Department of Civil Engineering, University of Salerno, Via Giovanni Paolo II 132, 84084 Fisciano, Italy

Dr. Veronica Sberveglieri

1. National Research Council, Institute of Bioscience and Bioresources (CNR-IBBR), Via J.F. Kennedy, 17/I, 42124 Reggio Emilia, Italy
2. Nano Sensor Systems, NASYS Spin-Off University of Brescia, 25125 Brescia, Italy

Deadline for manuscript submissions

10 November 2025



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/198893

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

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)