

Special Issue

IoT-Driven Bioacoustics Sensing

Message from the Guest Editors

The open-access journal *Sensors* (ISSN 1424-8220, IF 3.847) is pleased to announce a Special Issue entitled "IoT-Driven Bioacoustics Sensing". Low-cost IoT devices and machine learning have been combined with acoustic sensing to monitor biodiversity. IoT-driven bioacoustics is being used to capture and classify acoustic signals and temporal metadata as a way of identifying and studying the behaviour of species. IoT-driven bioacoustics has applications in medical science, agriculture, biodiversity, pest management, and marine mammal acoustics, and there are numerous overlaps between these areas. This Special Issue will collect original research papers and novel insights into the state, modelling, design, implementation, sustainability, and case-study experience of IoT-driven bioacoustics, techniques, and systems.

- Internet of Things
- bioacoustics
- machine learning
- species
- modelling
- sustainability
- implementation
- case studies

For more information, please visit: mdpi.com/si/139887

Guest Editors

Dr. Gerald Kotonya

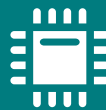
Department of Computing and Communications, Lancaster University,
Lancaster LA1 4YW, UK

Dr. Cornelius Ncube

Computer Science, The British University in Dubai, Block 11, 1st and 2nd
Floor, Dubai International Academic City P.O. Box 345015, Dubai,
United Arab Emirates

Deadline for manuscript submissions

closed (10 March 2024)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/139887

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)