

## Special Issue

# Acoustic Sensing and Monitoring in Urban and Natural Environments (2nd Edition)

### Message from the Guest Editor

The aim of this Special Issue is to gather experts actively working in different fields of acoustic phenomena, such as sensing and monitoring techniques in either urban or natural environments, to share their research work in the form of original papers or reviews to expand our knowledge on noise pollution. Contributions focusing on, but not limited to, the following topics are welcome:

- Noise source identification and sound source location.
- IoT-enabled acoustic sensing platforms.
- Distributed acoustic sensing for urban subsurface/surface monitoring.
- Wireless acoustic sensor networks.
- Urban sound landscape and its corresponding noise identification.
- Time series of eco-acoustic indices.
- Monitoring of different types of noise, including wheel-rail noise, environmental noise, airborne noise, architectural acoustics, and vehicle noise.
- Noise in natural environments, including earth surfaces and marine/submarine locations.
- Sensor location distribution.
- New methods for acoustic data processing based on AI approaches.

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### Guest Editor

Dr. Hector Eduardo Roman

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### Deadline for manuscript submissions

1 October 2026



## Sensors

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## 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.

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### Editor-in-Chief

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