# Special Issue

# Detection and Feature Extraction in Acoustic Sensor Signals-2nd Edition

## Message from the Guest Editors

Acoustic sensors have an wide range of applications in many fields, including underwater acoustics, architectural acoustics, physical acoustics, environmental acoustics, psychoacoustics, and so on. The signals collected by acoustic sensors contain a large amount of valid information that facilitates further processing of the collected acoustic signals. In particular, detection and feature extraction, as two important measures of acoustic sensor signal processing, can capture more information about the target and extract features with separability. Various trends indicate that detection as well as feature extraction play an increasingly important role in the processing of acoustic sensor signals, and presentations of the latest methods for acoustic signal detection or feature extraction are welcome for submission to this Special Issue, such as the application of stochastic resonance in vibration signals, nonlinear feature extraction of underwater acoustic signals, and so on. We encourage all authors working on similar topics to submit their work to this Special Issue. Equally welcome are contributions from any field of acoustic sensors with applications in real-world data.

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## Deadline for manuscript submissions

closed (31 May 2024)

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*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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