Special Issue

Object Detection and Identification in Any Medium

Message from the Guest Editor

This proposal is on object detection and identification in any medium. The goal is to detect objects of any material (ferrous, non-ferrous, polymeric, organic, biological, etc.) Objects may be moving or stationary, wholly immersed within any medium or at the interface between two media (e.g., on a surface). Detection resolution and signal to noise ratio are sufficient to classify and identify the object; identification will occur at near real-time. Power demand and size of detection and identification components meet mobile host platform constraints and availability. Detection and identification components may be active and/or passive and incorporate multimodal, distributed, and cross-domain approaches. It is desirable that detection and identification components are low-cost. This Special Issue includes the following:

- detection methods to analyze image or sound.
- setting up the detection system.

Guest Editor

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Deadline for manuscript submissions

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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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