

Special Issue

Sensor Applications on Marine Recognition

Message from the Guest Editor

The purpose of this Special Issue is to provide a platform for gathering the latest research achievements, in the broad subject of sensor applications on marine recognition viewed from both the science and industry corners.

Original submissions from all areas related to sensor applications on marine recognition are welcome. Topics of interest include the following ones.

Marine sensors technologies

Marine recognition for biology

Underwater search and exploration

Sensing for autonomous underwater drones

Underwater drones navigation

Deep learning and AI methods in marine recognition

Deep-sea multispectral and hyperspectral sensing

Computer vision and image processing methods for marine recognition

Automated detection, classification, and segmentation of marine objects

Underwater image and video restoration methods

Tensor based methods for multidimensional signal processing

Deep-sea optical imaging technologies

Acoustic imaging in marine recognition

Recognition from sidescan and multibeam sonars

Restoration and filtering of the sidescan and multibeam sonar signals

Seismic monitoring and imaging

Multichannel seismic technologies

Data management, annotations, access, visualization, and sharing

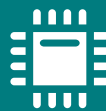
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Deadline for manuscript submissions

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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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