

Special Issue

Advanced Sensor Applications in Marine Objects Recognition

Message from the Guest Editor

Original submissions from all areas related to sensor applications on marine recognition are welcome. Topics of interest include but are not limited to the following ones.

- Marine sensors technologies
- Marine recognition for biology
- Underwater search and exploration
- Sensing for autonomous underwater drones
- Underwater drone navigation
- Deep learning and AI methods in marine recognition
- Deep-sea multispectral, hyperspectral and acoustic 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

Guest Editor

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Deadline for manuscript submissions

closed (30 November 2023)



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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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