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Sensor Applications on Marine Recognition

Guest Editor:

Prof. Dr. Bogusław Cyganek

Faculty of Computer Science,
Electronics and
Telecommunication, Department
of Electronics, AGH University of
Science and Technology, 30-059
Krakow, Poland

Deadline for manuscript
submissions:
closed (30 June 2021)

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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Special Issue



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Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria
Elettrica e dell'Informazione
(Department of Electrical and
Information Engineering),
Politecnico di Bari, Via Edoardo
Orabona n. 4, 70125 Bari, Italy

Message from the Editor-in-Chief

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Sensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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