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Imaging Sensor Systems for Analyzing Subsea Environment and Life

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Deadline for manuscript submissions:

closed (31 December 2019)

Message from the Guest Editors

Dear Colleagues,

This Special Issue aims at publishing highly rated manuscripts presenting the development and application of original image-based solutions addressed to the study of subsea life and environmental assessment from macroscopic to microscopic scales, including sensor systems, fundamental methods, and experimental results.

Provided they address a submarine ecosystem or environmental issue, topics could include, but are not be limited to:

- Imaging systems based on vision, laser, or sonar
- Multi-modal and/or multi-session data integration
- Underwater image enhancement and restoration
- Target detection, tracking, and identification
- Automatic image/video annotation
- Context-based marine robot guidance
- 2D and 3D reconstruction of underwater scenarios
- AI-based solutions

If you have suggestions that you would like to discuss beforehand, please feel free to contact us. We look forward to your participation in this Special Issue.

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Special Issue



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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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