



Underwater Computer Vision and Image Processing

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Deadline for manuscript
submissions:

closed (5 August 2021)

Message from the Guest Editors

The ability of computer vision algorithms to effectively interpret underwater visual data is often limited by the poor visibility conditions. Therefore, there is an emphasis on devising innovative solutions that can perform well when applied to imagery captured under challenging environmental conditions.

We invite you to submit your latest research in the area of underwater computer vision and image processing algorithms to this Special Issue. High-quality papers are solicited to deal with topics that include, but are not limited to, the following areas of research:

- Image enhancement and restoration;
- Scene reconstruction, 3D imaging, and SLAM;
- Underwater photogrammetry;
- Sensor and data fusion in underwater applications;
- Underwater data acquisition systems;
- Object detection, classification, and identification;
- Deep-learning-based methods for underwater applications;
- Tracking and motion analysis;
- Virtual and augmented reality for underwater applications;
- Innovative applications and multidisciplinary approaches in underwater imaging.





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Message from the Editor-in-Chief

The *Journal of Marine Science and Engineering* (JMSE; ISSN 2077-1312) is an international peer-reviewed open access journal which provides an advanced forum for studies related to marine science and engineering. The journal aims to provide scholarly research on a range of topics, including ocean engineering, chemical oceanography, physical oceanography, marine biology and marine geosciences. We invite you to publish in our journal sharing your important research findings with the global ocean community.

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