

Special Issue

Underwater Engineering and Image Processing

Message from the Guest Editors

consistent biological studies are now possible thanks to developments in both image acquisition devices/platforms (e.g., new cameras and sensors, lighting systems, AUVs, ROVs) and analytical techniques (e.g., underwater computer vision, deep learning-based approaches, multispectral image analysis), providing evidence of how underwater imaging is consolidating its role as non-destructive methodology to understand and monitor the underwater environment and preserve marine biodiversity. These are complemented by many other important applications in both emerging and established fields such as autonomous underwater vehicle navigation, archaeological surveys, seafloor mapping, and offshore inspections. In this special session, both methodological and empirical contributions addressing multidisciplinary (e.g., biological, environmental) questions using marine imaging and related approaches are welcome, as well as technological advances in underwater imaging and analytics.

Guest Editors

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Deadline for manuscript submissions

closed (25 March 2024)



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About the Journal

Message from the Editor-in-Chief

Journal of Marine Science and Engineering (JMSE, ISSN: 2077-1312) focuses on research in the fields of Ocean Engineering, Coastal Engineering, Physical Oceanography, Geological Oceanography, Marine Biology, and Marine Environmental Science. It publishes reviews, regular research papers, and short communications, as well as Special Issues on particular subjects. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the maximum length of the papers.

Editor-in-Chief

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