

## 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.

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### Guest Editors

Dr. Anna Nora Tasseti

Dr. Adriano Mancini

Dr. Pierluigi Penna

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### Deadline for manuscript submissions

closed (25 March 2024)



## Journal of Marine Science and Engineering

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Impact Factor 2.8  
CiteScore 5.0



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## About the Journal

### 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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### Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi  
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