

## Special Issue

# Unmanned Underwater Vehicles: Advances and Applications

### Message from the Guest Editors

Recent advances in miniaturized sensors, energy-efficient actuators, and low-cost embedded computer systems are impacting on the development of autonomous, remotely operated, and hybrid marine vehicles, making them ubiquitous in many scientific and commercial applications—which include marine habitat mapping, geotechnical surveying, inspection of critical infrastructures in the offshore energy and aquaculture industries, archaeological surveying—or supportive of diverse human operations. The current technology is also enabling the operation of multiple marine vehicles working in cooperation by exploiting the availability of increasingly sophisticated technologies for underwater communication networks. This Special Issue is focused on collecting papers on the latest experiments, applications, advances, and challenges in Unmanned Underwater Vehicles (ROV, AUV, etc.).

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### Guest Editors

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### Deadline for manuscript submissions

closed (16 August 2020)



## Journal of Marine Science and Engineering

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Impact Factor 2.8  
CiteScore 5.0



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*Journal of Marine Science and  
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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.

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### Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi

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#### Journal Rank:

JCR - Q2 (Engineering, Marine) / CiteScore - Q2 (Ocean Engineering)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.5 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the second half of 2025).