

## Special Issue

# Recent Advances in Marine Mollusca: Evolutionary Biology and Molecular Phylogeny

### Message from the Guest Editors

The immense plasticity of molluscs' body shape, with no other animal equivalent, offers an infinite number of possibilities for evolutionary and adaptive patterns. They have been used to establish fundamental principles of evolutionary biology mechanisms, global biogeography, and past mass extinctions. The eight distinct living taxonomic classes of molluscs are each unambiguously monophyletic; however, significant debate remains about the topology of the phylogenetic relationships among those eight branches. More intensive work within specific clades of molluscs, and more broadly in other organismal groups, has repeatedly reaffirmed that insufficient taxon sampling can lead to inaccurate phylogenetic reconstruction, especially for complex groups. We hope that the articles in this Special Issue will show the latest advances in the large group represented by marine molluscs, with the hope of giving the reader an opportunity to achieve a global update on how phylogeny and evolutionary biology are progressing in this group, hopefully to get a glimpse of where it is headed.

### Guest Editors

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### Deadline for manuscript submissions

closed (30 December 2023)



## Journal of Marine Science and Engineering

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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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