



## Evolution and Ecology of Crustaceans and Their Applications

Guest Editor:

**Dr. Taewon Kim**

1. Marine Zoology Lab.,  
Department of Ocean Sciences,  
Inha University, Incheon,  
Republic of Korea  
2. Program in Biomedical Science  
& Engineering, Inha University,  
Incheon, Republic of Korea

Deadline for manuscript  
submissions:

**5 October 2024**

### Message from the Guest Editor

Dear Colleagues,

Crustaceans are an incredibly diverse and expansive group of aquatic animals, with adaptations that have allowed them to thrive in a variety of environments. While insects have found success on land, crustaceans have demonstrated their adaptability even in extreme environments, such as deep-sea hydrothermal vents and polar regions. Their potential applications in fields such as environmental monitoring, biomedical science, food, aquariums, and cosmetics are vast. By studying how these animals have expanded their habitats and the mechanisms, functions, and biomaterials they employ, we can gain valuable insights and apply them to future technological advancements. This Special Issue welcomes not only basic scientists studying the taxonomy, physiology, behavior, or ecology of crustaceans, but also pioneers who apply crustaceans to new and diverse fields. Its aim is to foster new insights and encourage collaboration and interdisciplinary interactions between experts in crustacean research.





an Open Access Journal by MDPI

## Editor-in-Chief

**Prof. Dr. Charitha Pattiaratchi**  
Oceans Graduate School and The  
UWA Oceans Institute, The  
University of Western Australia,  
Perth, WA 6009, Australia

## 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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed with Scopus, SCIE (Web of Science), GeoRef, Inspec, AGRIS, and other databases.

**Journal Rank:** JCR - Q1 (Engineering, Marine) / CiteScore - Q2 (*Civil and Structural Engineering*)

## Contact Us

---

*Journal of Marine Science and  
Engineering* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
www.mdpi.com

mdpi.com/journal/jmse  
jmse@mdpi.com  
X@JMSE\_MDPI