



## Advances in Microalgal Engineering Development and Marine Carbon Cycle

Guest Editors:

**Prof. Dr. Weiqi Fu**

Department of Marine Science,  
Ocean College, Zhejiang  
University, Zhoushan 316021,  
China

**Dr. Yiwen Pan**

Department of Marine Science,  
Ocean College, Zhejiang  
University, Zhoushan 316021,  
China

**Dr. Kui Wang**

Department of Marine Science,  
Ocean College, Zhejiang  
University, Zhoushan 316021,  
China

Deadline for manuscript  
submissions:

**closed (25 September 2022)**

### Message from the Guest Editors

Dear Colleagues,

Marine algae have gained much attention again since the major economies/countries including the EU and China signed the Paris agreement on climate change in 2016 and committed to carbon neutrality by mid-21st century in 2021. There have been various advances in marine algal engineering and research development as well as in marine carbon cycle, which are essential to reaching carbon neutrality and the sustainability of emerging marine bioeconomy.

The purpose of the invited Special Issue is to publish the most exciting research with respect to the above subjects and to provide a rapid turn-around time regarding reviewing and publishing, and to disseminate the published articles freely for research, teaching, and reference purposes.

High quality original studies and reviews are encouraged, for publication, directly related to various aspects, as mentioned below. Novel techniques for the study are also encouraged.

Prof. Dr. Weiqi Fu  
Dr. Yiwen Pan  
Dr. Kui Wang  
*Guest Editors*





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