

Special Issue

Genetic Diversity in Marine Organisms: Assessment, Conservation and Sustainable Utilization

Message from the Guest Editor

Genetic diversity, or genetic variation, indicates the genetic differences among individuals, populations, and species. It is the product of recombination of genetic material in evolution under different environmental pressures. All the phenotypic plasticity depends on genetic diversity. With increasing environmental deterioration on natural populations and rapid progresses in molecular and genetic methods, studies of genetic diversity on marine organisms have attracted great attention recently. Knowledge about genetic diversity is necessary for the conservation and commercial utilization of marine biologic resources.

The focus of this Special Issue is on exploring the genetic diversity of marine organisms under long-term or short-term environmental pressures based on cutting-edge technology.

Guest Editor

Prof. Dr. Junhong Xia

College of Life Sciences, Sun Yat-Sen University, Guangzhou 510275, China

Deadline for manuscript submissions

closed (31 August 2021)



Journal of Marine Science and Engineering

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.0



mdpi.com/si/81557

Journal of Marine Science and Engineering
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jmse@mdpi.com

mdpi.com/journal/

jmse





Journal of Marine Science and Engineering

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.0



[mdpi.com/journal/
jmse](https://mdpi.com/journal/jmse)



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.

Editor-in-Chief

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

Author Benefits

High Visibility:

indexed with Scopus, SCIE (Web of Science), Ei
Compendex, GeoRef, Inspec, AGRIS, and other databases.

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 15.6 days after
submission; acceptance to publication is undertaken in 1.9
days (median values for papers published in this journal in
the first half of 2025).