



Monitoring and Assessing the Changing Coastal Ecosystem in Response to Global Change

Guest Editors:

Prof. Dr. Feng Zhou

1. Laboratory of Satellite Ocean Environment Dynamics, Second Institute of Oceanography, Ministry of Natural Resources, 36, North Bao Chu Rd., Hangzhou 310012, China
2. School of Oceanography, Shanghai Jiao Tong University, Shanghai, China

Dr. Pengbin Wang

1. Key Laboratory of Marine Ecosystem and Biogeochemistry, Second Institute of Oceanography, Ministry of Natural Resources, No. 36, North Bao Chu Road, Hangzhou 310012, China
2. Fourth Institute of Oceanography, Ministry of Natural Resources, Chuangxin 1 Road, Yin Hai District, Beihai 536000, China

Message from the Guest Editors

The health of the coastal marine ecosystem is declining, and the sustainability of the sea is facing serious challenges. In order to facilitate a sustainable approach to ocean governance and achieve the goal of high-quality socio-economic development, the evolution of the marine ecosystem under multiple drivers, which usually shows multi-scale variability, must be understood. Monitoring and predicting coastal processes are, therefore, of increasing importance. This Special Issue aims to present the recent advances in monitoring, simulating and assessing coastal eutrophication and ecosystem response. We welcome contributions from the application of novel observational and experimental technologies, the development of ocean data and products, assessment of ecological health risks, numerical studies with theoretical or physical-biogeochemical models, and process studies including but not limited to harmful algal blooms, hypoxia and coastal acidification.

Deadline for manuscript
submissions:

closed (20 December 2023)



mdpi.com/si/101377

Special Issue



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