

Special Issue

Application of Stable Isotopes in Studying Pollutants in Marine Ecosystems

Message from the Guest Editors

Understanding the origin, fate, and transport of contaminants in marine environments is crucial to safeguarding ecosystems and human health since it provides valuable insights on predicting potential impacts, establishing environmental guidelines, controlling environmental releases via point sources, and cleaning up and remediating contaminated systems. Studying the origin, movement, and transformation of contaminants is challenging due to their presence as compound mixtures in the environment and their complex interactions with multiple environmental media and various biogeochemical factors in marine ecosystems. This Special Issue is dedicated to discussing novel approaches of utilizing stable isotopes to trace the sources, fate, and movement of contaminants in marine ecosystems. Contributions should address various aspects of contaminant origin, translocation, and cycling between different environmental compartments, abiotic and biotic transformation pathways, and impacts on marine life, utilizing stable isotopes as fingerprints.

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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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