



## Advanced Studies in Emerging Algal Toxins

Guest Editors:

**Prof. Dr. Ana Gago-Martínez**

Department Analytical and Food  
Chemistry, Biomedical Research  
Center (CINBIO) Universidade de  
Vigo, 36310 Vigo, Spain

**Dr. José Leao**

Department Analytical and Food  
Chemistry, Biomedical Research  
Center (CINBIO) Universidade de  
Vigo, 36310 Vigo, Spain

Deadline for manuscript  
submissions:

**closed (1 November 2022)**

### Message from the Guest Editors

Dear colleagues,

This Special Issue focuses on different aspects on the study of marine biotoxins as natural contaminants of the marine environment. The recent transition from the mouse bioassay to chemical methods for the control of natural toxins represents an important advancement, not only in terms of increasing the sensitivity and selectivity required for these particular toxins, but also to ensure the analytical reliability and even the potential for confirming the toxic analogues involved in the contamination. On the other hand, the impact caused by new or emerging toxins in areas where this natural phenomenon caused by harmful algal blooms occurs is of increased importance worldwide. These important aspects of advances in methodological approaches for the determination of algal toxins with special emphasis on new or emerging toxins of relevance and also the determination of the organisms involved on the toxic production, toxicological advances, etc.

We encourage contributions from young investigators, doctorate students and postdocs presenting their research findings in the area of emerging toxins.





an Open Access Journal by MDPI

## Editor-in-Chief

**Prof. Dr. Tony Clare**

School of Natural and  
Environmental Sciences,  
Newcastle University, Newcastle  
upon Tyne NE1 7RU, UK

## 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 (*Ocean Engineering*)

## Contact Us

---

*Journal of Marine Science and  
Engineering* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

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

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