



Marine Shellfish Toxicity

Guest Editor:

Dr. Živana Ninčević Gladan

Laboratory of Plankton and
Shellfish toxicity, Institute of
Oceanography and Fisheries,
21000 Split, Croatia

Deadline for manuscript
submissions:

closed (25 February 2021)

Message from the Guest Editor

Dear Colleagues,

The problems of harmful algal blooms (HABs) and shellfish toxicity are present in coastal waters worldwide. The global spreading of HABs has been attributed to eutrophication, ballast water, transfers of live shellfish, and climate change, but also to increased awareness of HABs and the rise in the number and frequency of national monitoring programs. Toxins produced during HABs contaminate marine environments, accumulate in aquatic organisms, and represent a threat to human health and ecosystems. Since phycotoxins may contaminate food, mostly shellfish due to their filter-feeding ability, the development of reliable risk assessments for these compounds and health safety is necessary. Due to the negative impact of these blooms on human health, ecosystems, the economy, and tourism, this Special Issue consists of articles that consider:

- The factors responsible for the initiation, maintenance, and termination of HABs;
- The response of HABs to climate change and anthropogenic impacts;
- Phycotoxins in marine organisms;
- Food safety;
- Risk assessments methods;
- Health safety.



mdpi.com/si/40181

Special Issue



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](#)