

## Special Issue

# Climate Change and Harmful Algal Blooms

### Message from the Guest Editor

The increasing frequency and intensity of harmful algal blooms (HAB) have been repeatedly reported worldwide, most likely as a response to changes in climatic conditions. Toxic algal species have been reported in regions where they were previously not known. Increasing seawater temperature, nutrients inputs, and light and ocean acidification, among changes to other parameters, appear to be stimulating the phytoplankton community and increasing the prevalence of harmful algal blooms, with consequences for the environment and seafood safety. This Special Issue aims to (1) raise awareness about changes to marine environments that are leading to the occurrence and spread of new toxic algae species, and the detection of new or emerging toxins; (2) call for a retrospective analysis of time-series data on toxic phytoplankton and toxins; and (3) act as a venue for the description and presentation of new technological tools for ocean observation in order to improve HAB and HAB-toxins survey.

### Guest Editor

Dr. Pedro Reis Costa

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### Deadline for manuscript submissions

closed (31 January 2021)



## Journal of Marine Science and Engineering

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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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### Editor-in-Chief

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