

## 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.

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### Guest Editor

Dr. Pedro Reis Costa

Laboratório de Biotoxinas Marinhas, Departamento do Mar e Recursos Marinhos, IPMA—Instituto Português do Mar e da Atmosfera, Rua Alfredo Magalhães Ramalho 6, 1449-006 Lisboa, Portugal

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### Deadline for manuscript submissions

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## Journal of Marine Science and Engineering

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*Journal of Marine Science and  
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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[jmse@mdpi.com](mailto:jmse@mdpi.com)

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## About the Journal

### Message from the Editor-in-Chief

*Journal of Marine Science and Engineering (JMSE, ISSN: 2077-1312)* focuses on research in the fields of Ocean Engineering, Coastal Engineering, Physical Oceanography, Geological Oceanography, Marine Biology, and Marine Environmental Science. It publishes reviews, regular research papers, and short communications, as well as Special Issues on particular subjects. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the maximum length of the papers.

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### Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi

School of Engineering, The UWA Oceans Institute, The University of Western Australia, Perth, WA 6009, Australia

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