

## Special Issue

# Mangrove Ecosystem Responses to Climate Change and Sea-Level Rise

### Message from the Guest Editors

Mangroves are some of the most productive ecosystems in the world and are highly valued for their ecosystem services, which include habitat protection, CO<sub>2</sub> sequestration, and carbon burial. Indeed, preserving and restoring mangrove forests have been suggested to be effective approaches to mitigating anthropogenic climate change. However, ongoing modifications produced by climate change and sea-level rise are putting many of these habitats at risk. For instance, there is growing concern that a lack of space for inland migration brought about through land-use change may prevent mangroves from adapting to fast rates of sea-level rise. Therefore, climate change and sea-level rise should be considered in any management activity that seeks to enhance the resilience of mangrove ecosystems. We invite contributions to this Special Issue that examine any aspect of mangrove habitats. Our goal for this Special Issue is to highlight the most current research on mangrove forest ecosystem structures and biogeochemical cycling, which are directly related to climate change and sea-level rise.

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### Guest Editors

Dr. Christian J. Sanders

National Marine Science Centre, Southern Cross University, Coffs Harbour, Australia

Prof. Dr. Joseph M. Smoak

School of Geosciences, University of South Florida, St. Petersburg, FL 33701, USA

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### Deadline for manuscript submissions

closed (31 August 2021)



## Journal of Marine Science and Engineering

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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

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

Prof. Dr. Charitha Pattiaratchi  
School of Engineering, The UWA Oceans Institute, The University of  
Western Australia, Perth, WA 6009, Australia

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