

## Special Issue

# Coastal Geohazard and Offshore Geotechnics

### Message from the Guest Editors

With the rapid development in the exploration of marine resources, coastal geohazard and offshore geotechnics have attracted a great deal of attention from coastal geotechnical engineers and has achieved significant progress in recent years. The purpose of this Special Issue is to present recent advances in the field of coastal geohazard and offshore geotechnics. Authors are encouraged to submit theoretical, numerical, experimental, and applied articles addressing this theme. Topics include, but are not limited to, the following research topics:

- fluid–soil–structure interactions around marine infrastructure;
- seismic-induced seabed liquefaction;
- scour around marine structures;
- effects of tsunamis on seabed soil;
- marine geology;
- soil characteristics and constitutive model for marine sediments;
- Sediment re-suspension and transport in coastal estuarine
- centrifugal modelling for geohazard and offshore geotechnics;
- geohazard prediction and protection;
- challenges and novel methods in offshore foundation design.;
- submarine landslide;
- impact of climate change on geohazard.

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### Guest Editors

Prof. Dr. Dong-Sheng Jeng

Prof. Dr. Jisheng Zhang

Assoc. Prof. Dr. V.S. Ozgur Kirca

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### Deadline for manuscript submissions

closed (1 April 2019)



## Journal of Marine Science and Engineering

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Impact Factor 2.8  
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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  
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