

## Special Issue

# Internal Flow Induced Structure Vibration and Dynamics

### Message from the Guest Editors

Internal-flow-induced structure vibration and dynamics is a key scientific problem in deep-ocean mining and ocean thermal energy convection, etc. The interaction between internal flow and the fluid-conveying structure is complex and generates interesting phenomena. The internal-flow-induced vibration is different from VIV, and more research is required to uncover the fundamental mechanism. This Special Issue aims to promote research in this field and attract academic papers on the following specific topics:

- internal flow state
- internal-flow-induced structure vibration
- internal-flow-induced structure dynamics
- structure vibration suppression

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### Guest Editors

Dr. Aichun Feng

Prof. Dr. Nianzhong Chen

Dr. Amrit Shankar Verma

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### Deadline for manuscript submissions

closed (20 June 2023)



## Journal of Marine Science and Engineering

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an Open Access Journal  
by MDPI

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Impact Factor 2.8  
CiteScore 5.0



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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  
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