



## Fluid/Structure Interactions II

Guest Editors:

**Dr. Yuriy Semenov**

Academy of Sciences of Ukraine,  
Institute of Hydromechanics,  
Kyiv, Ukraine

**Prof. Dr. Alexander Korobkin**

School of Mathematics,  
University of East Anglia,  
Norwich, UK

**Prof. Dr. Baoyu Ni**

College of Shipbuilding  
Engineering, Harbin Engineering  
University, Harbin, China

Deadline for manuscript  
submissions:

**closed (20 April 2023)**

### Message from the Guest Editors

Dear Colleagues,

Fluid/structure interaction is a wide, multidisciplinary topic of fluid dynamics that is continuously developing. In the last decade, the main drivers of research in this field have been the renewable energy sector, advanced ship technology, bioengineering, activities in the Arctic Regions due to the climate change and ice melting, and deep-water resource exploration.

The purpose of the second edition of this Special Issue is to gather together the most exciting experimental, theoretical, and computational studies and to provide high-quality reviewing and a rapid publication, which is the particular feature of the host journal *JMSE*.

High-quality papers directly related to the various aspects indicated below are encouraged:

- wave energy converters;
- offshore wind farms;
- coastal structures;
- polar engineering;
- surface and submerged vehicles;
- dynamics of hydraulic systems;
- slamming of ships;
- marine propulsors.



[mdpi.com/si/109912](https://mdpi.com/si/109912)

Dr. Yuriy Semenov  
Prof. Dr. Alexander Korobkin  
Prof. Dr. Baoyu Ni  
*Guest Editors*

# Special Issue



an Open Access Journal by MDPI

## Editor-in-Chief

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

## 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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed with Scopus, SCIE (Web of Science), GeoRef, Inspec, AGRIS, and other databases.

**Journal Rank:** JCR - Q1 (Engineering, Marine) / CiteScore - Q2 (*Civil and Structural Engineering*)

## Contact Us

---

*Journal of Marine Science and  
Engineering* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
www.mdpi.com

mdpi.com/journal/jmse  
jmse@mdpi.com  
X@JMSE\_MDPI