

## Special Issue

# Light Fields in the Ocean from Natural and Artificial Sources

### Message from the Guest Editor

This Special issue aims at presenting the results of new studies on light fields in the ocean. The term of "light fields" is interpreted here to a wider extent, encompassing not just a complete description of the angular radiance distribution at a given point, but also a partial description or the derived quantities, such as irradiance, radiance reflectance, diffuse reflectance, albedo, etc. The light fields may relate to the water medium itself, the sea surface, the atmosphere over the ocean, or the sea bottom; the light may be unpolarized or polarized, the light source natural or artificial, stationary or pulsed. Both theoretical results and from-field measurements are welcome; the presentation of new ideas and their realization, in particular the practical applications for the investigation and monitoring of the ocean and seas are encouraged.

---

### Guest Editor

Dr. Oleg Kopelevich

Shirshov Institute of Oceanology, Russian Academy of Sciences, 117997 Moscow, Russia

---

### Deadline for manuscript submissions

closed (30 April 2020)



## Journal of Marine Science and Engineering

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 5.0



[mdpi.com/si/20814](https://mdpi.com/si/20814)

*Journal of Marine Science and  
Engineering*

Editorial Office

MDPI, Grosspeteranlage 5

4052 Basel, Switzerland

Tel: +41 61 683 77 34

[jmse@mdpi.com](mailto:jmse@mdpi.com)

[mdpi.com/journal/](https://mdpi.com/journal/)

[jmse](https://mdpi.com/journal/)





# Journal of Marine Science and Engineering

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 5.0



[mdpi.com/journal/  
jmse](https://mdpi.com/journal/jmse)



## 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.

---

### Editor-in-Chief

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

---

### Author Benefits

#### High Visibility:

indexed with Scopus, SCIE (Web of Science), Ei  
Compendex, GeoRef, Inspec, AGRIS, and other databases.

#### Journal Rank:

JCR - Q2 (Engineering, Marine) / CiteScore - Q2 (Ocean  
Engineering)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is  
provided to authors approximately 15.6 days after  
submission; acceptance to publication is undertaken in 1.9  
days (median values for papers published in this journal in  
the first half of 2025).