



## Augmented Reality and Virtual Reality in Marine Science

Guest Editors:

**Dr. Davide Moroni**

Institute of Information Science  
and Technologies, National  
Research Council of Italy, Signals  
and Images Laboratory, Via  
Moruzzi, 1, 56124 Pisa, Italy

**Dr. Marco Reggiannini**

Signals and Images Laboratory,  
Institute of Information Science  
and Technologies, National  
Research Council of Italy, Pisa,  
Italy

**Marco Tampucci**

Consiglio Nazionale delle  
Ricerch, Rome, Italy

Deadline for manuscript  
submissions:

**closed (31 March 2024)**

### Message from the Guest Editors

Dear Colleagues,

The emerging technologies and the continuous improvement in the performances of smartphones and portable devices have allowed researchers to develop complex augmented reality and virtual reality applications able to offer different experiences in several ambits. In the marine fields, these applications and systems provide alternative and captivating solutions to several issues, such as sea protection, virtual diving, including the fruition of underwater cultural heritage and environmental monitoring. This Special Issue aims at collecting cutting-edge AR and VR research and solutions in the field of the marine science. Original research and reviews directly related to the exploitation of the AR and VR techniques in the marine science are encouraged to submit for publication.

Dr. Marco Reggiannini

Dr. Davide Moroni

Marco Tampucci

*Guest Editors*





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, St. Alban-Anlage 66  
4052 Basel, Switzerland

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

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