

## Special Issue

# Advanced Marine Engineering and Technology: Sustainable and Smart Marine Engineering

### Message from the Guest Editor

This Special Issue on the topic of “Sustainable and Smart Marine Engineering” aims to share the latest information and knowledge on marine engineering and technology. This Special Issue will play a key role in developing eco-friendly LNG and hydrogen engine vessels, LNG bunkering vessels, autonomous operating ships, drillships for natural resources, navy vessels, and submarines. Some of the technical areas to be covered in this Special Issue are:

- Thermal engineering;
- Power generation and mechanics;
- Materials and manufacturing engineering;
- Fluid engineering;
- Control and instrumentation engineering;
- Electrical, electronic, and communication engineering;
- Technology for disaster prevention of ships and maritime safety;
- Other topics in the marine-related field (maritime education, maritime regulations and laws, etc.).

---

### Guest Editor

Dr. Eunkyung Lee

Department of Ocean Advanced Materials Convergence Engineering,  
Korea Maritime and Ocean University, Busan 49112, Korea

---

### Deadline for manuscript submissions

closed (30 April 2022)



## Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/si/96410](https://mdpi.com/si/96410)

*Applied Sciences*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[appls@mdpi.com](mailto:appls@mdpi.com)

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

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





# Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



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



## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

---

### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,  
20133 Milano, Italy

---

### Author Benefits

#### Open Access:

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

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering )