Special Issue

Autonomous and Remote-Controlled Ship Operations

Message from the Guest Editor

Maritime operations have been transforming continually over the past few decades, and recent years have seen an increase in autonomy and automation technologies in the maritime domain. It is critical to understand and foresee the potential implications of autonomous technologies on the different segments and actors of the maritime domain. This Special Issue addresses but is not limited to the following areas:

- Legal and regulatory challanges, e.g., regulatory frameworks of national and international, governmental or nongovernmental stakeholders regarding maritime autonomous ship operations;
- Future competence requirements;
- Maritime education and training (MET) through neopedagogy and training indices in maritime context in the advent of autonomous era, e.g., virtual reality (VR), augmented reality (AR);
- Practical implementation considerations;
- Digital infrastructure for autonomous ship operations and management;
- Human performance in autonomous technologies;
- Enablers for maritime domain to adopt autonomous solutions;

Guest Editor

Prof. Dr. Salman Nazir

Faculty of Technology, Natural Sciences and Maritime Sciences, Department of Maritime operations, University of South-Eastern Norway, Raveien 215, 3184 Borre, Norway

Deadline for manuscript submissions

closed (10 November 2021)

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/si/53615

Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applsci@mdpi.com

mdpi.com/journal/applsci

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

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)

MDPI