

Special Issue

Technologies for Underwater Wireless Communication

Message from the Guest Editors

The exploration of the underwater world has always represented a major goal for researchers and scientists. However, more recently, knowledge of and access to this environment have become a necessity in developing communication infrastructures to support civil, commercial, and military activities. Wireless acoustics, magnetic induction, and, more recently, optical communication have represented the research directions of greatest interest. The work carried out in these areas is converging towards the achievement of the so-called Internet of Underwater Things paradigm, in which efficient traffic management will constitute a key challenge. In this regard, machine learning and artificial intelligence are expected to provide crucial support.

Guest Editors

Dr. Andrea Petroni

Fondazione Ugo Bordoni (FUB), Fondazione Ugo Bordoni, 00144 Rome, Italy

Dr. Mauro Biagi

Department of Electrical Information and Telecommunications Engineering, University of Rome, Via Eudossiana 18, 00184 Rome, Italy

Deadline for manuscript submissions

20 June 2026



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/237789

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

mdpi.com/journal/

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





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, Embase, CAPIus / SciFinder, and other databases.

Journal Rank:

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