

Special Issue "Intelligent Systems Applied to Maritime Environment Monitoring"

- [Download Special Issue Banners](#)
- [Print Special Issue Flyer](#)
- [Special Issue Editors](#)
- [Special Issue Information](#)
- [Keywords](#)
- [Published Papers](#)

A special issue of *Applied Sciences* (ISSN 2076-3417). This special issue belongs to the section "[Marine Science and Engineering](#)".

Deadline for manuscript submissions: **31 August 2023** | Viewed by 5694

Share This Special Issue



Special Issue Editor



Dr. Gabriele Pieri

[E-Mail](#) [Website](#)

Guest Editor

Institute of Information Science and Technologies, Pisa, Italy

Interests: Image processing for marine environment; multi-source data fusion; environmental decision support systems; marine information systems; machine learning methods; multimedia data integration

[Special Issues, Collections and Topics in MDPI journals](#)

Special Issue Information

Dear Colleagues,

With the intention of extending knowledge about the ocean and the maritime environment, this Special Issue focuses on all the many intelligent systems and applications that, through technologies integrated on observational platforms, can provide tools and services for increasing the availability of data regarding all ocean environmental variables. Among the already existing platforms and technologies for ocean observation, this Special Issue aims to expand the possible application of intelligent systems and tools that operate in this context. Contributions can vary from tools for automatic collection and dispatching of information to systems for management and processing of environmental data through to methods applied to new or well-established technologies for performing consistent and standardised intelligent processing of collected data.

The intended coverage for this Special Issue concerns systems, applications, and models that aim to improve the current observation tools and services and expand the availability of data in terms of higher spatial resolution, temporal regularity, and length than what is currently available at the European scale. The Special Issue also aims to democratise monitoring of the marine environment for traditional and non-traditional data users such as citizen scientists.

All articles from academia, the industry, or environmental stakeholders are welcome.

Dr. Gabriele Pieri

Guest Editor

Manuscript Submission Information

Manuscripts should be submitted online at www.mdpi.com by [registering](#) and [logging in to this website](#). Once you are registered, [click here to go to the submission form](#). Manuscripts can be submitted until the deadline. All submissions that pass pre-check are peer-reviewed. Accepted papers will be published continuously in the journal (as soon as accepted) and will be listed together on the special issue website. Research articles, review articles as well as short communications are invited. For planned papers, a title and short abstract (about 100 words) can be sent to the Editorial Office for announcement on this website.

Submitted manuscripts should not have been published previously, nor be under consideration for publication elsewhere (except conference proceedings papers). All manuscripts are thoroughly refereed through a single-blind peer-review process. A guide for authors and other relevant information for submission of manuscripts is available on the [Instructions for Authors](#) page. *Applied Sciences* is an international peer-reviewed open access semimonthly journal published by MDPI.

Please visit the [Instructions for Authors](#) page before submitting a manuscript. The [Article Processing Charge \(APC\)](#) for publication in this [open access](#) journal is 2300 CHF (Swiss Francs). Submitted papers should be well formatted and use good English. Authors may use MDPI's [English editing service](#) prior to publication or during author revisions.

Keywords

- ocean data management and processing
- marine information systems
- marine data modelling
- operational oceanography
- intelligent technologies for marine environmental applications
- methods for maritime environment monitoring
- smart technologies applied in operational maritime environment
- demonstration of improved marine observing systems
- smart integration of systems and platforms for maritime observations