Special Issue "Intelligent Systems Applied to Maritime Environment Monitoring"

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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.

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