

Special Issue

Decision Support Systems and Tools in Coastal Areas

Message from the Guest Editor

The importance of coastal areas is well known since they provide resources and homes to humans and are among the most productive areas in the world, where a variety of ecosystems meet. Coastal ecosystems provide not only habitat for a wide range of marine plants and animals but numerous ecosystem services; their role in global climate is also critical. There is a need for appropriate tools and decision-support systems (DSSs) to analyze the vulnerability of coastal areas as well as the risks from potential threats and their impact. It is also necessary to identify and evaluate possible management options and scenarios in order to support policy makers in adopting robust decisions for sustainable coastal management and development. In this Special Issue, we encourage the submission of papers related to the design and development of computerized information systems and tools that support decision-making activities in coastal areas using new technologies, data from various sources (i.e., satellites, UAVs, cruises), spatial databases, mapping and visualization techniques, spatial analysis methods, and/or appropriate modeling techniques.

Guest Editor

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

The *Journal of Marine Science and Engineering* (JMSE, ISSN 2077-1312) is an international peer-reviewed open access journal which provides an advanced forum for studies related to marine science and engineering. The journal aims to provide scholarly research on a range of topics, including ocean engineering, chemical oceanography, physical oceanography, marine biology and marine geosciences. We invite you to publish in our journal sharing your important research findings with the global ocean community.

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