

Special Issue

Innovative Approaches and Emerging Parameters in Monitoring Mediterranean Coastal Lagoons

Message from the Guest Editor

Transitional water ecosystems are defined by the European Union (EU) Water Framework Directive (WFD, CE 2000/60) as “bodies of surface water in the vicinity of river mouths which are partly saline in character as a result of their proximity to coastal water, but which are substantially influenced by freshwater flows”. When considering Mediterranean coastal lagoons, the former classification of coastal lagoons in transitional waters and coastal waters on the basis of freshwater influence is no longer suitable. Recent literature proposed aligning the administrative and natural boundaries by division into two homogeneous groups of lagoons:

Mediterranean lagoons and Northern Adriatic lagoons. Various dynamic coastal ecosystems and management contexts exist, offering different points of view regarding the development of innovative strategies for coastal monitoring management. The monitoring phase is routinely followed by an environmental assessment as a necessary step in the decision-making process. This Special Issue of JMSE aims to present the most innovative and informative tools related to Mediterranean coastal lagoon monitoring.

Guest Editor

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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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