

Special Issue

Coastal Water Quality Observation and Numerical Modeling

Message from the Guest Editor

Coastal systems issue multiple ecosystem services, such as aquaculture, marine transportation, water quality regulation, and tourism, providing resilience to coastal communities. These systems are under a multitude of pressures and threats that may affect their environmental quality. The increase in human activities in coastal areas and climate change may exacerbate the impacts and increase the vulnerability of coastal populations. This Special Issue intends to collect original research articles on all aspects of coastal water quality. We invite high-quality research papers on various topics related to coastal water quality monitoring and simulation, including coastal water quality and environmental contamination assessment, numerical modeling of coastal water quality, in situ monitoring and Earth observations, impacts of land-driven contaminants, impacts of climate change, coastal forecast systems, and coastal planning and management. By enhancing our understanding of coastal water quality through these studies, we will contribute to improving the management and conservation of coastal environments.

Guest Editor

Dr. Marta Rodrigues

Laboratório Nacional de Engenharia Civil, Lisbon, Portugal

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*Journal of Marine Science and
Engineering*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jmse@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi
School of Engineering, The UWA Oceans Institute, The University of
Western Australia, Perth, WA 6009, Australia

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