

Special Issue

Upwelling Systems in a Changing Ocean

Message from the Guest Editors

We are glad to announce the *JMSE* Special Issue "Upwelling Systems in a Changing Ocean". Coastal wind-driven upwelling in the world ocean is one of the most important processes in terms of the high productivity of the oceanic environment. Therefore, studying the main ocean upwelling systems, such as the Peruvian–Chilean, the Canarian, the Benguela, the Californian, etc., is important. Furthermore, scientists are particularly interested in understanding how climate change will affect the upwelling systems in the near future. This Special Issue aims to include papers which will provide answers to the following research questions: What will happen to coastal upwellings in the different latitudinal belts of the Earth, in the marginal and inland seas? How will the local upwellings associated with oceanic fronts, eddies and jets of various scales evolve? How will the duration and spatial structure of upwellings change? What are the forecasts of climatic trends in the bioproductivity of upwelling zones? We also welcome papers which include research results obtained by the following methods: observational (contact and remote), hydrodynamic numerical and laboratory modeling.

Guest Editors

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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
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