Special Issue

Ocean Wave Energy Extraction and Management

Message from the Guest Editor

In a world in which the use of fossil energetic resources seems to be in conflict with a sustainable way of living in almost every sense, the dynamics involved in our oceans can be regarded as an inexhaustible source of clean energy. The challenge is now to improve the guidelines leading to a better design and deployment of energy converters and to efficiently use that resource. To cope with that, we need to make an effort to bridge the gaps concerning low efficiency, make easy the design and deployment of prototypes, and manage the maintenance and replacement of, and impacts on, coastal areas. Indeed, rather than a question of durability or maximum efficiency, it is a matter of appropriately fixing the expected values of efficiency and production, and then adapting design, materials, deployment, and maintenance according to those predictions such that the net balance is positive.

Guest Editor

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Message from the Editor-in-Chief

Journal of Marine Science and Engineering (*JMSE*, ISSN: 2077-1312) focuses on research in the fields of Ocean Engineering, Coastal Engineering, Physical Oceanography, Geological Oceanography, Marine Biology, and Marine Environmental Science. It publishes reviews, regular research papers, and short communications, as well as Special Issues on particular subjects. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the maximum length of the papers.

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