

Special Issue

Marine Ecological Modelling

Message from the Guest Editor

Marine ecological modelling is a broad subfield of ecology. One of the major challenges in this field is presented by biological–physical coupling, as this requires linking processes of different natures occurring at different scales of variation. In this Special Issue, “Marine Ecological Modelling”, we would like to explore how semi-enclosed littoral and estuarine (SELE) ecosystems can be simulated based on coupling biological and physical processes. Physical processes primarily describe the influence of hydrodynamics on both benthic and pelagic organisms at the land–sea interface, creating complex dynamics. In addition, semi-enclosed littoral and estuarine ecosystems are subject to many anthropogenic pressures, and modelling should also be considered as a central approach for management and conservation. This Special Issue aims to portray the present state of the art in SELE ecosystem modelling, emphasizing not only ecosystem properties that have already been characterized and shape management, but also issues that are not yet solved and should be addressed in the future.

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.

Editor-in-Chief

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