Special Issue

Outfall Systems

Message from the Guest Editors

Wastewater and industrial effluents are commonly discharged into marine environments. Such discharges may lead to significant impacts on the environment and ecological systems if not properly designed. Therefore, it is essential to understand their mixing processes. This Special Issue deals with various aspects of marine outfall systems including design, optimization, mixing processes, thermal plumes, desalination and industrial outfalls, wastewater outfalls, stormwater, sewer overflows, surface outfalls, submerged outfalls, single-port and multi-port diffusers including rosette diffusers, mixing of buoyant jets in homogeneous and stratified environments, disposal of treated municipal or industrial wastewater, laboratory methods, field studies, numerical simulations, empirical methods, near-field models, far-field models, coupling of hydrodynamic models with near-field models, biological aspects, and environmental impact assessment.

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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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