Special Issue

Marine Hydrodynamics: Theory and Application

Message from the Guest Editors

Marine hydrodynamics is a cornerstone of naval architecture and ocean engineering, which covers the study of fluid dynamics related to the behavior of vessels, offshore structures, and marine systems. This Special Issue invites cutting-edge research that advances our understanding of marine hydrodynamics from theoretical and applied perspectives. We seek contributions that explore innovative approaches in fluid–structure interactions, wave dynamics, computational modeling, and experimental techniques. By bridging the gap between fundamental theory and practical applications, this issue aims to provide a comprehensive platform for disseminating new insights and technological advancements that will shape the future of marine and ocean engineering.

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