

Special Issue

Assessing the Pressure of Underwater Anthropogenic Noise from Impulsive and Continuous Sound Sources

Message from the Guest Editors

Anthropogenic noise is one of the main marine pollution factors that negatively affect marine life (mammals, fish, invertebrates, reptiles, marine birds, etc.). An ever-increasing number of relevant studies support the fact that noise from various anthropogenic sources such as vessels, active sonars, energy and construction infrastructure, seismic surveys, as well as synthetic sounds (artificial tones and white noise) compromise hearing ability and induce physiological and behavioural changes in marine animals. This SI encourages submissions dealing with methodologies for assessing the pressure of anthropogenic noise in the marine environment, addressing numerical and/or experimental studies on underwater noise generation/propagation, and including both impulsive (airguns, sonars, impact pile driving, etc.) and continuous (ship propellers and hulls, offshore structures, etc.) sound sources. The proposed numerical/experimental approaches may focus on proposed methodologies for assessing the noise pressure from different sources in the marine environment; modelling (numerical, analytical, etc.), measurements, or both (the latter are particularly encouraged); and so on.

Guest Editors

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Deadline for manuscript submissions

closed (1 June 2023)



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About the Journal

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.

Editor-in-Chief

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