



Hydroacoustic Study of the Ocean

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Deadline for manuscript
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Message from the Guest Editor

Dear Colleagues,

We would like to invite you to contribute to the Special Issue “Hydroacoustic study of the Ocean”. Sound waves can travel large distances without loss and reflect from the biological organisms and physical objects with echoes characteristic of such objects. The physical properties of the sound in the water make it an important and effective method for aquatic monitoring and ocean study. Recent decades of research and development produced significant progress in the development of scientific acoustic echo sounders, sonars and current profilers. Modern sensitive hydrophones allow monitoring of geological, biological and human activity in the ocean. Hydroacoustic methods also have been proven successful for marine studies and monitoring in ice-covered seas.

This Special Issue aims to provide an overview of the recent progress in using acoustic methods in ocean monitoring and the study of geophysical, anthropogenic and biological processes. We also encourage submissions on applications of new methods and techniques that contribute to the further development of the hydroacoustic study of the Ocean.





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Message from the Editor-in-Chief

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