



Sound Scattering in the Ocean

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submissions:

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Message from the Guest Editor

Sound propagation in the ocean is commonly affected by ubiquitous inhomogeneities which scatter sound waves. This Special Issue is intended to provide a comprehensive survey of various manifestations of sound scattering. Both theoretical and experimental papers are encouraged. The Issue's scope includes, but is not limited to, the following topics:

- Sound scattering on internal waves;
- Sound scattering on synoptic eddies;
- Sound scattering from the ocean bottom;
- Acoustics of ice;
- Hydroacoustic tomography;
- 3D sound scattering
- Ultrasound scattering;
- Mathematical modelling of sound scattering;
- Impact of scattering on underwater communication;
- Signal processing in complicated oceanic environments;
- Statistical aspects of sound scattering;
- Matched field processing.





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Message from the Editor-in-Chief

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