



## Fishery Acoustics

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### Message from the Collection Editor

The fishery acoustics discipline covers a wide range of research and practical application topics using acoustical devices as sensors in aquatic and ocean environments. Underwater acoustic techniques can be applied to sensing aquatic animals, zooplankton, fish and physical and biological habitat characteristics for biomass estimation and stock assessment.

Fishery acoustics compose a well-defined scientific area physically and theoretically for information of underwater biomass, while information processing and intelligent signal processing engineering complements practical devices, systems for interdisciplinary underwater acoustics. Various tools are emerging from both the underwater acoustic science and fishery engineering fields, and we can fully utilize them. Subsequently, we are expecting a quantum leap in areas of interdisciplinary fishery acoustics, covering stock assessment, aquaculture monitoring system, underwater object monitoring, underwater fishery surveillance, and many more applications for fishery businesses.





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## Message from the Editor-in-Chief

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