



Fishery Acoustics

Collection Editor:

Prof. Dr. Kiseon Kim

Communications and Sensor
Networks Lab., Gwangju Institute
of Science and Technology
(GIST), Gwangju 61005, Republic
of Korea

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.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (*Engineering, Multidisciplinary*) / CiteScore - Q1 (*General Engineering*)

Contact Us

Applied Sciences Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/applsci
appls@mdpi.com
[X@Appls](#)