

Lesson from acoustic backscatter: Small particles to global climate change

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Speaker

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Abstract

- Using the Doppler effect of sound waves scattered back from particles within water column, we can detect the motion of small particles.
- Acoustic backscatter is a good indicator for the distribution of living organisms, which can be tele-connected with climate change signals.
- The best selection of a proper ADCP should be done before going out to a field site.