

Analysis of Rain and Wind Ocean Noise

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A Python toolbox

for analyzing the

OOI broadband

hydrophone data

Goal: To characterize the ocean ambient sound generated by wind and rain **Data**: OOI data at the Coastal Endurance Array

- Acoustic data is measured by the OOI broadband hydrophones
- Meteorological data is measured by the OOI surface buoys

Future Work: To use machine learning to predict rain and wind from acoustic data

