



Brian Stone and Carrie Wall Leila Hatch

https://sanctuaries.noaa.gov/science/monitoring/sound/



Project Objectives

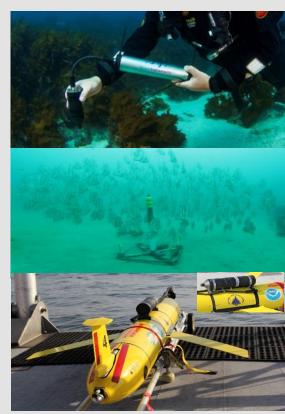
- 1. Deployment of calibrated passive acoustic recording devices in sanctuaries
- 2. Holistic sampling of the soundscape
- Further development of characterization metrics
- 4. Archiving of data and public access
- 5. Integration of acoustic metrics with other data



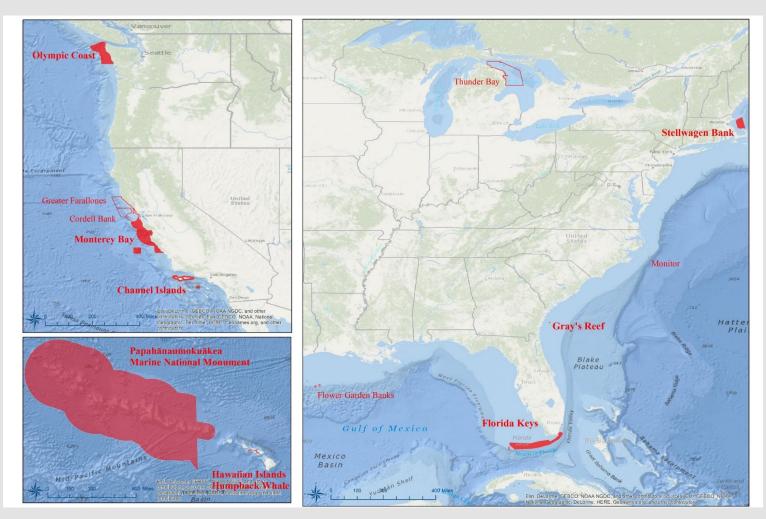


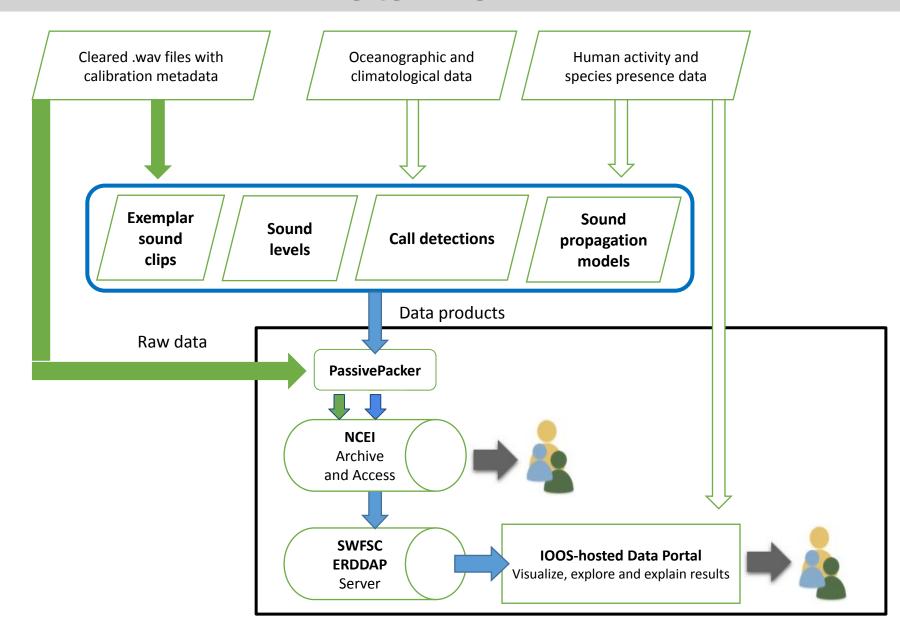


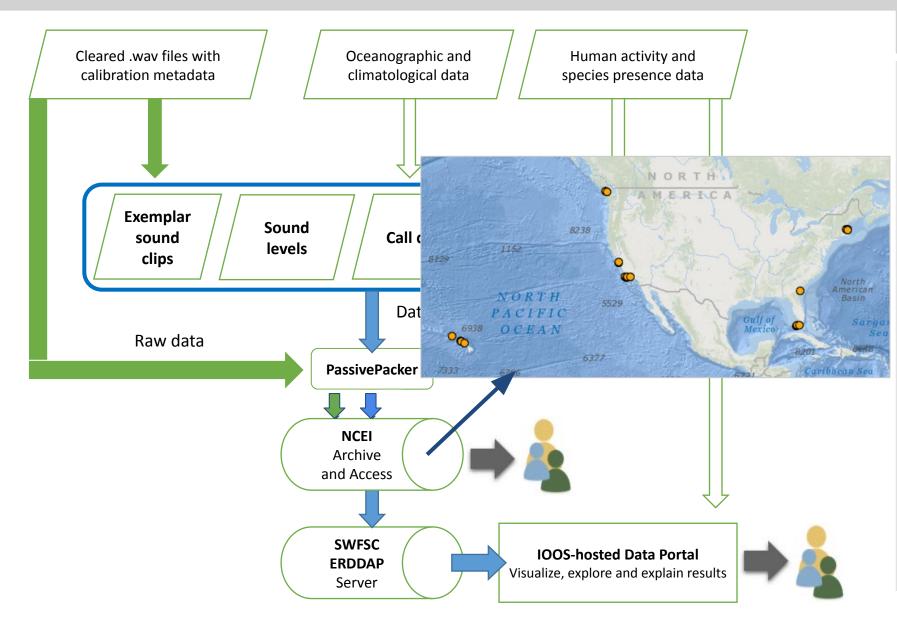


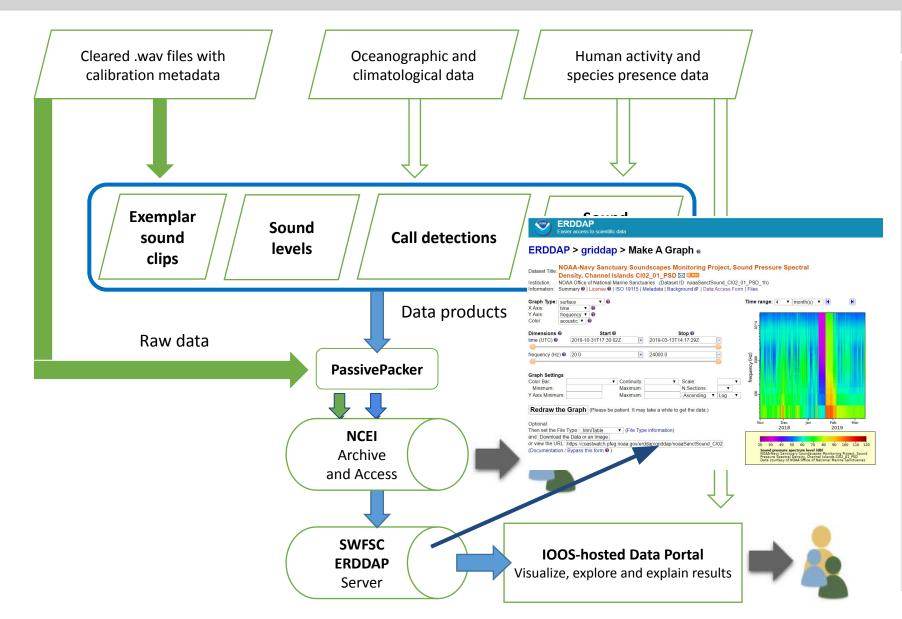


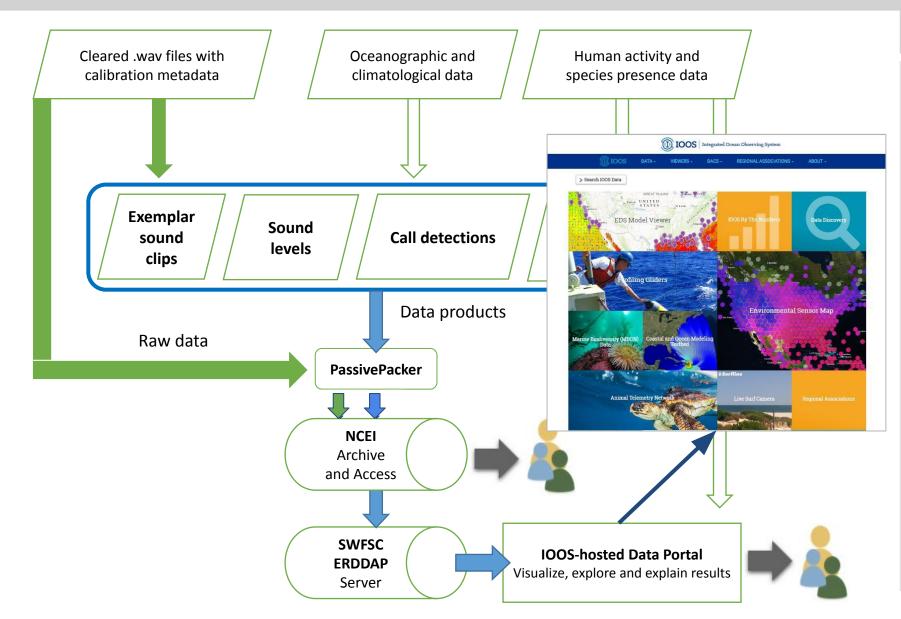
Passive Acoustic Monitoring National Marine Sanctuaries System











SanctSound.IOOS.US

New SanctSound tile



NOTE: Final IOOS.us SanctSound page is not LIVE.

Currently redirects to the ONMS Sound webpage

Currently DRAFT 2.0 webportal URL is 'hidden' from discovery



Portal Overview

Foyer

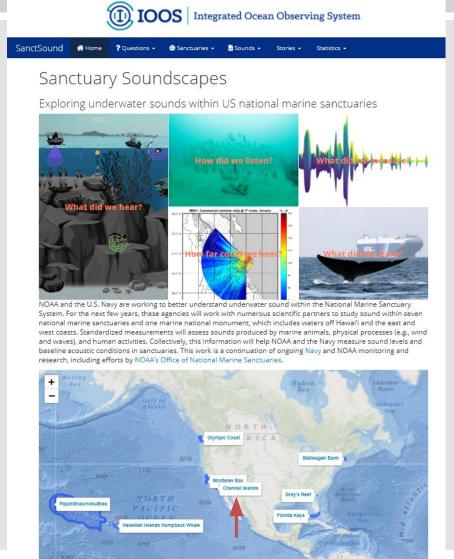
- General audience focused
- Curated
- Education

Jennifer Brown, ECOS Consulting, LLC
Ben Best, EcoQuants, LLC

House

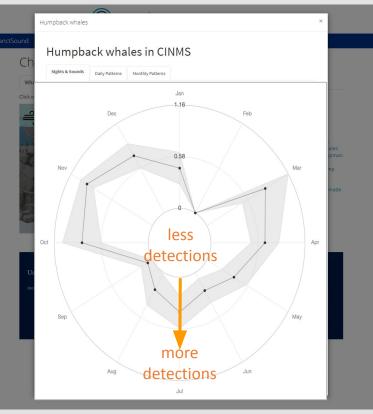
- Data focused
- Interactive
- Exploration

Brian Stone, Axiom Data Science LLC

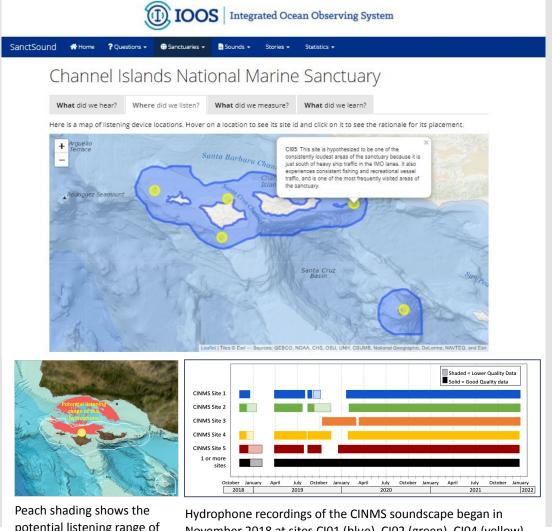


What did we hear?





Where did we listen?

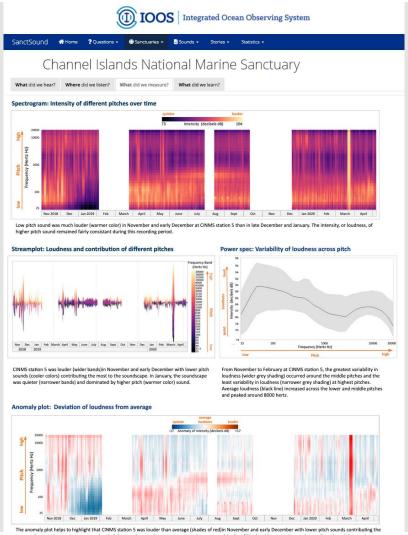




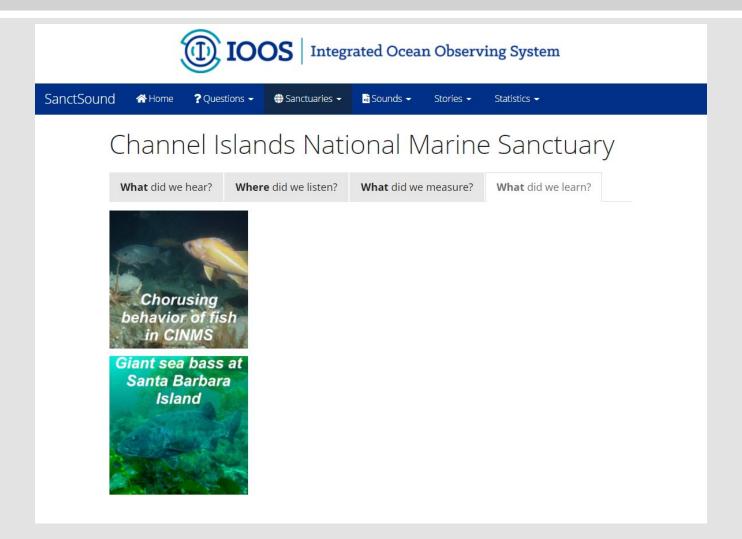
potential listening range of the hydrophone at station

November 2018 at sites CI01 (blue), CI02 (green), CI04 (yellow), and Cl05 (red) and in October 2019 at site Cl03 (orange). There

What did we measure?



What did we learn?





Portal Overview - House

