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Sheila Semans
Executive Director



Mission: To advance conservation of the ocean through education, exploration and experience

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To advance ocean conservation through
Education,
Exploration and
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VALUES

A walrus with a small metal tag on its eye, swimming in blue water. The walrus is the central focus of the image, with its head and upper body visible above the water. The water is a deep blue with some white foam from waves. The walrus has a dark brown, wrinkled skin and long, white whiskers. The tag is a small, circular metal object attached to the walrus's eye.

- **Locally Relevant**
- **Sustainable** (program and design)
- *Experience Science*
- **Support local economic development and sustainable reuse of mill site**
- **Provide access to and science for our coast.**
- **Create opportunities for minorities, women, and disadvantaged communities**

Education

- Taught to over 2000 kids and hosted over 500 kids on field trips to Crow's Nest
- Mentored 7 high school interns who contributed 245 hours
- Had over 2000 public visitors to the Orca Workshop over the course of the month



Exploration

- Responded to 42 marine mammals, and articulated 4 new marine mammal skeletons.
- Began a collaborative new research program, Help the Kelp, to respond to nearshore ecosystem threats



Experience – Orca Project

51 participants – students, community members, scientists – contributed over 1,685 hours of work.

- 3 master articulators
- 4 science talks
- 5 student interns replicated all 44 killer whale teeth



WATCH ORCA PROJECT VIDEO:

https://www.youtube.com/edit?o=U&video_id=H8f-6ngn87Q



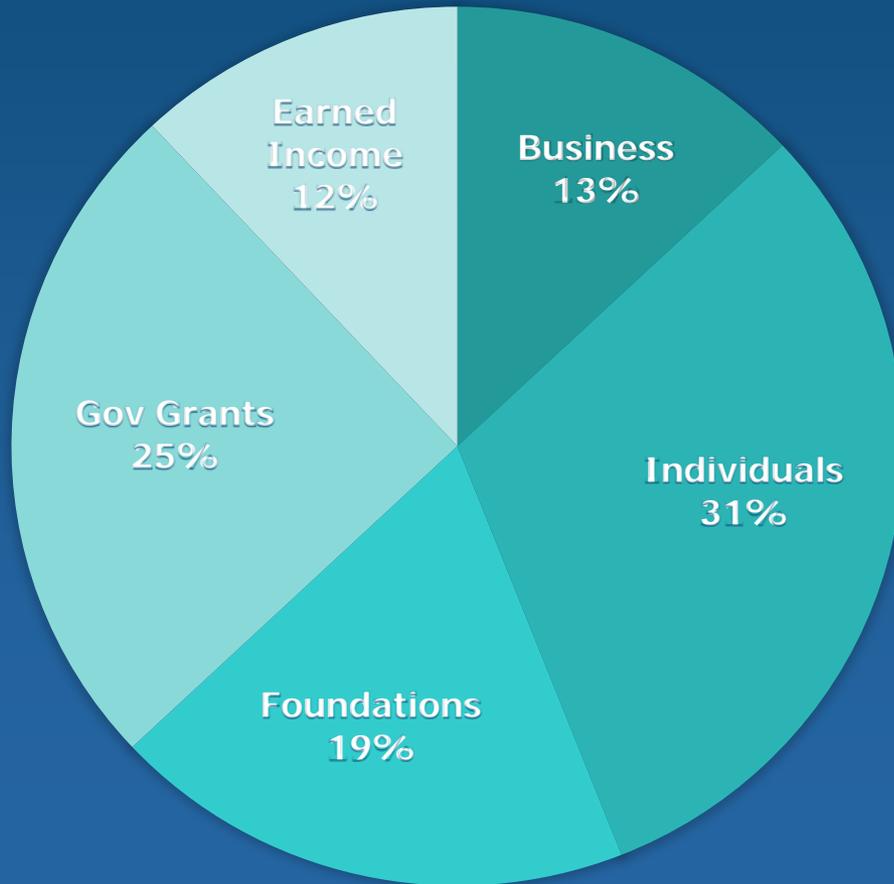
Fort Bragg
now has the
largest and
most
dynamic orca
skeleton on
display in the
world!



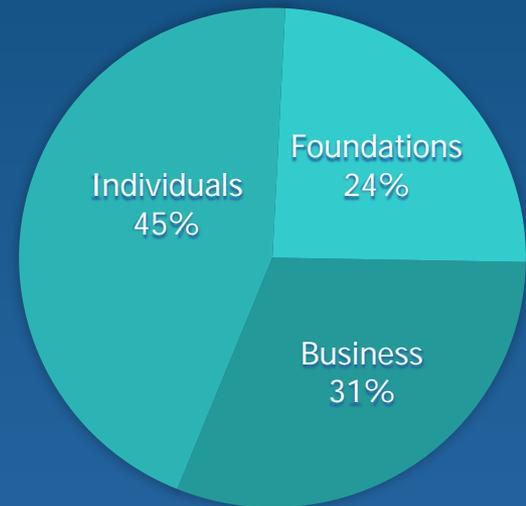


Financials

Income: \$287,734



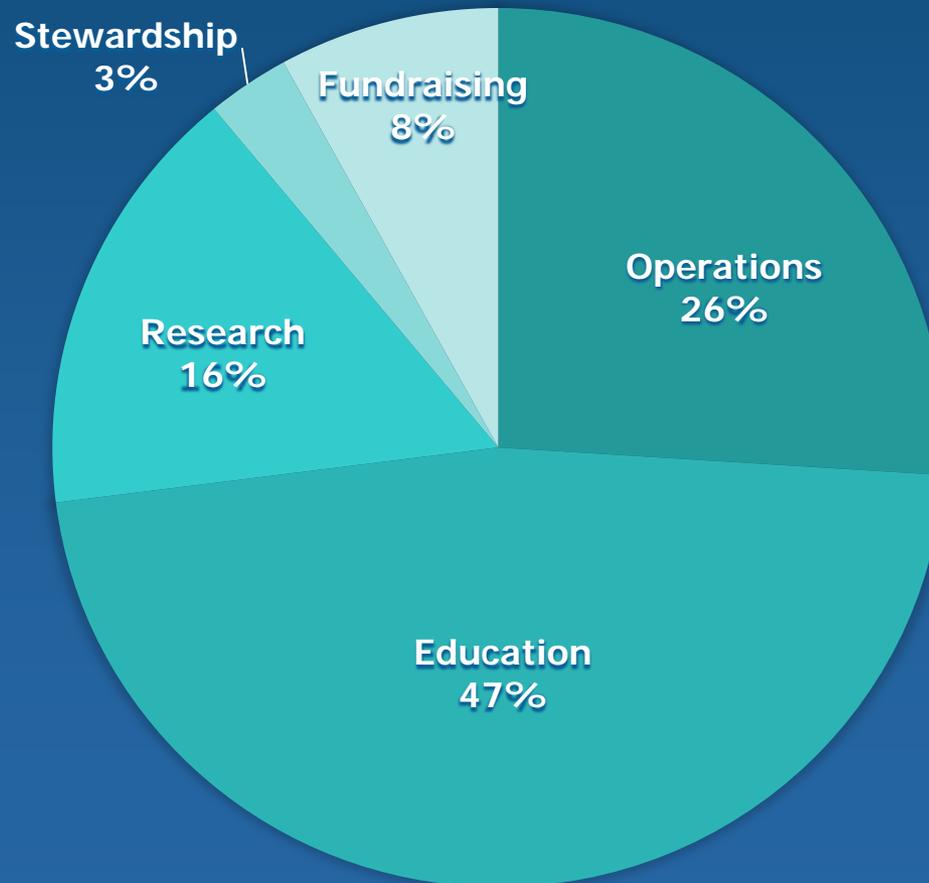
Orca Project
\$36,500



Leveraged
\$26,300

Financials

Expenses: \$271,140



TOT Tax income

- November \$14,473
 - 4th quarter 2016/2017
- December \$20,080
 - 1st quarter 2017/2018

TOTAL: \$34,553

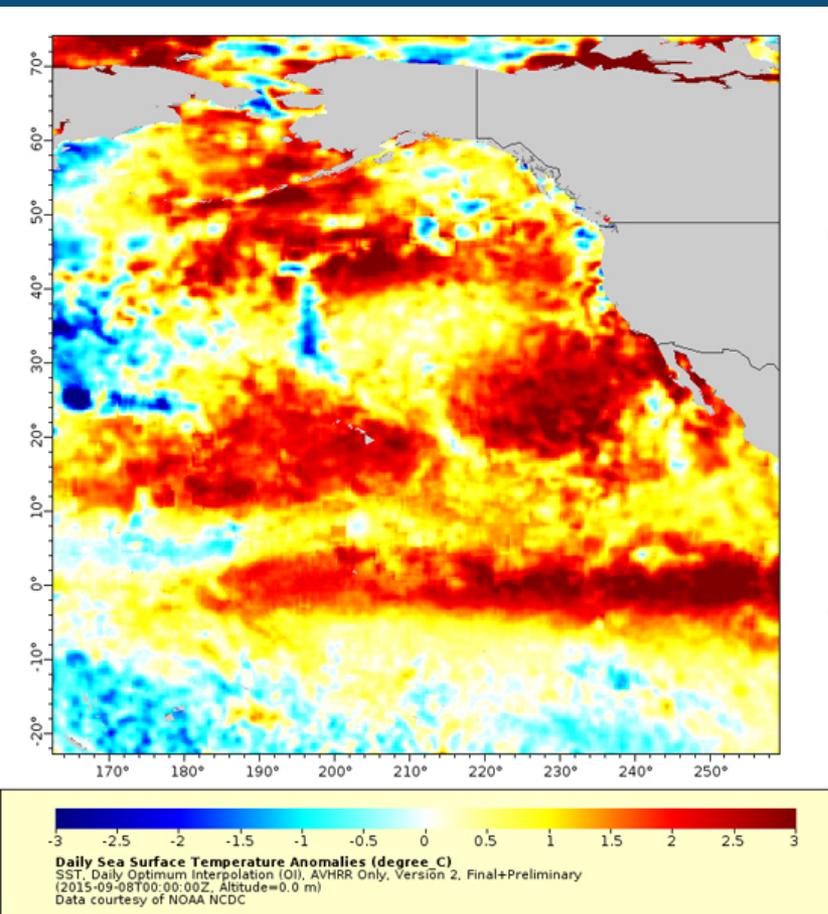




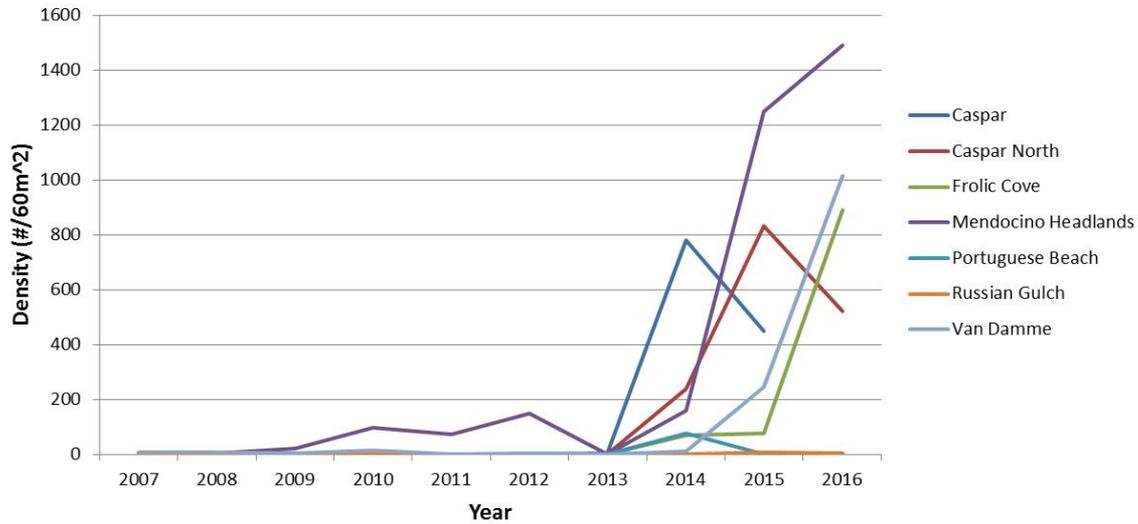
GOALS 2018

- ✦ Open downtown Marine Science Center to exhibit the killer whale and more!
- ✦ Grow our Help the Kelp Campaign
- ✦ Update and refine conceptual design for science center campus
- ✦ Further develop our Marine Technology Program involving HS and college interns
- ✦ Begin restoration on 11.5 acres on the Fort Bragg Headlands

Collaborative Partnerships: Help the Kelp



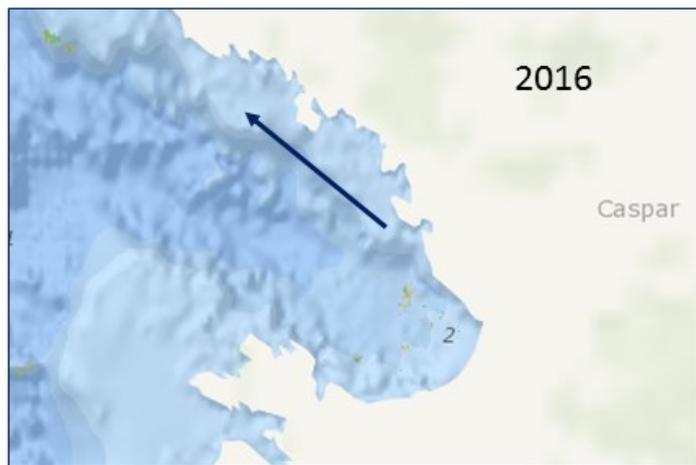
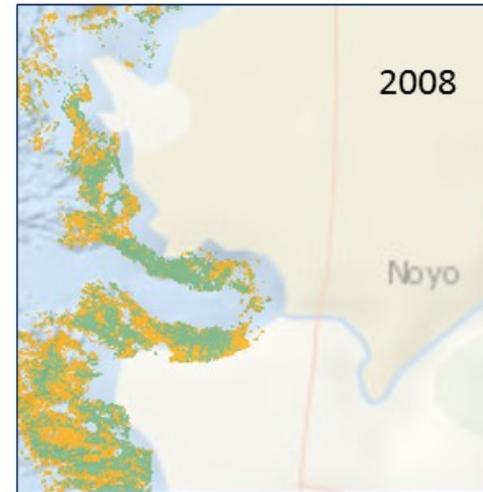
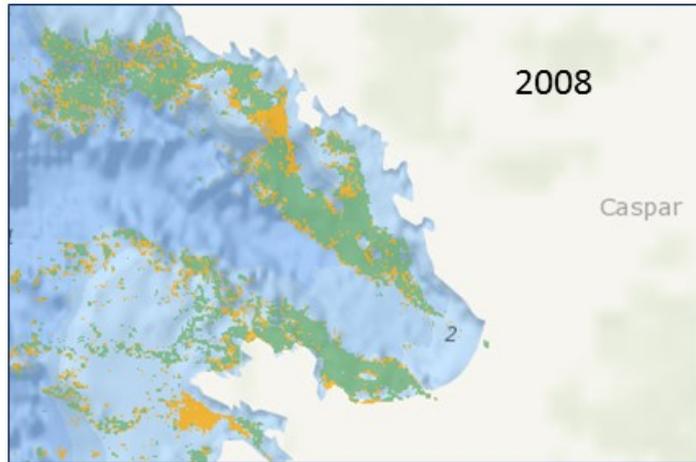
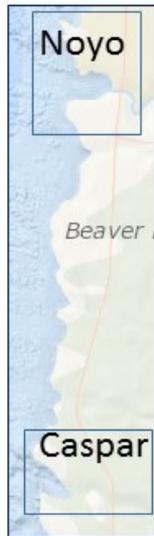
Purple Urchin Densities



60x more
purple urchin
than normal



Less than 90% normal kelp coverage

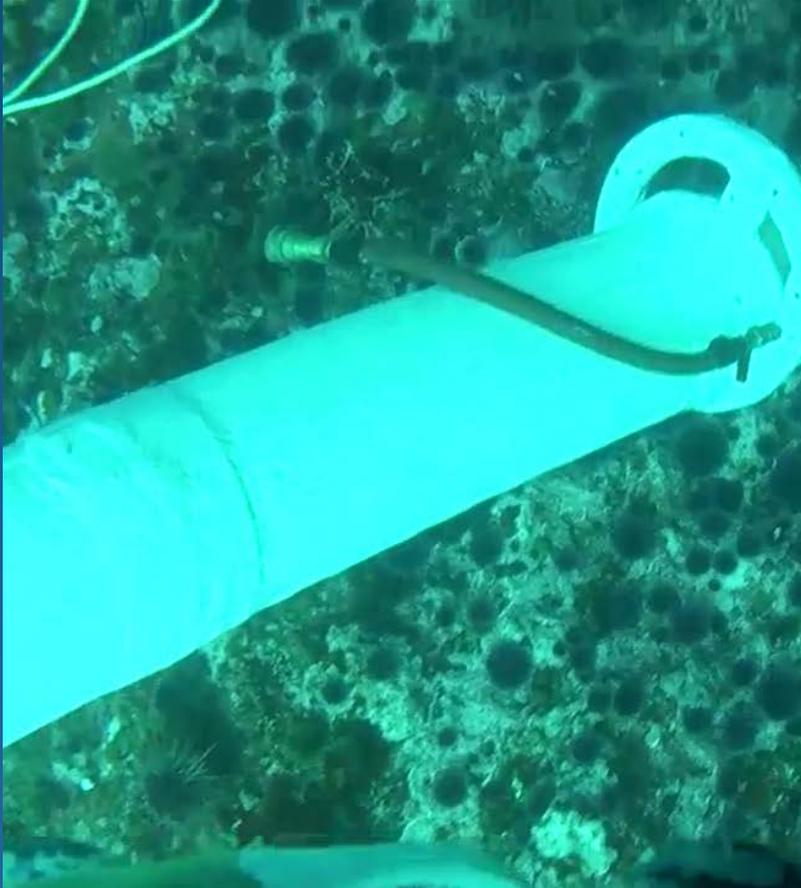




25% of abalone
are shrunken in
shell



Collaborators



An underwater photograph showing three seals swimming in clear blue water. The scene is filled with numerous bubbles, likely from a diver's breath, creating a dynamic and textured background. The lighting is bright, highlighting the movement of the seals and the individual bubbles.

Thank You!

Sheila Semans

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