



# Building Capacity for Fort Bragg's Ocean Future

*Progress, Partnership and Community Impact*

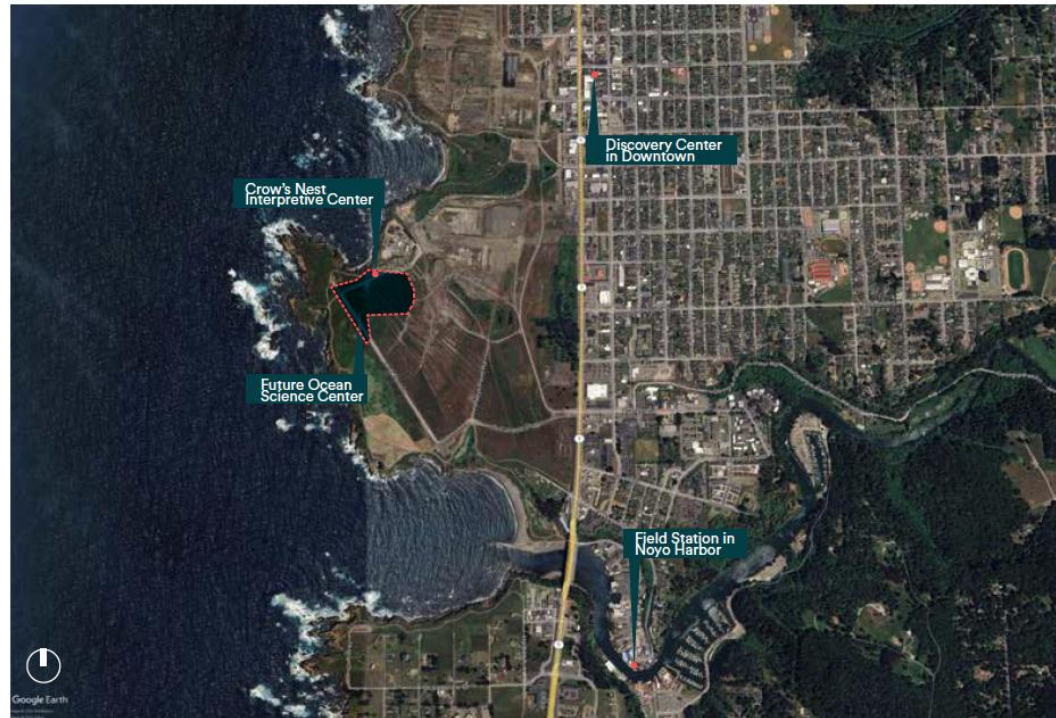
Sheila Semans  
Executive Director



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

# Advancing the Ocean Science Center Vision Through Science, Partnerships and Community Impact

- Science
- Education
- Conservation
- Blue Economy
- Climate Resilience



# Building the Pathways Today

## Marine Science Assets

- Whale House LaBONEatory (first building on OSC Campus)
- Discovery Center Science Museum
- Crow's Nest Interpretive Center
- Field Station with wet lab and dock

## Blue Economy Development

- Advancing regenerative aquaculture potential in Noyo Harbor
- Eco-tourism opportunities
- BEVRI Plan, Seawater intake infrastructure

## Climate Resilience

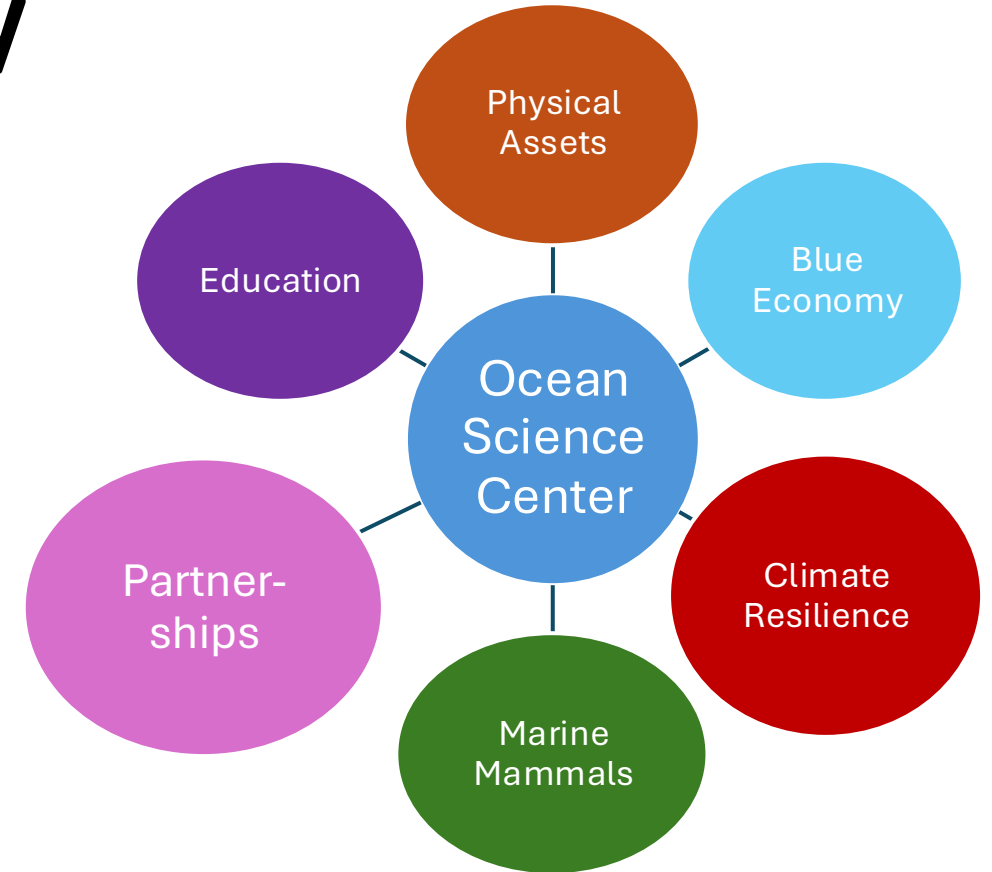
- Kelp forest ecosystems
- Assessing sea-level rise vulnerabilities in Noyo Harbor.
- Retrofit planning for Marine Field Station

## Marine Mammal Science

- Marine mammal response and specimen preservation
- Community science programs; beach surveys and live whale identification

## Education

- K-Grey programs
- Public engagement
- Workforce development



# From Vision to Reality: Whale House LaBONEatory





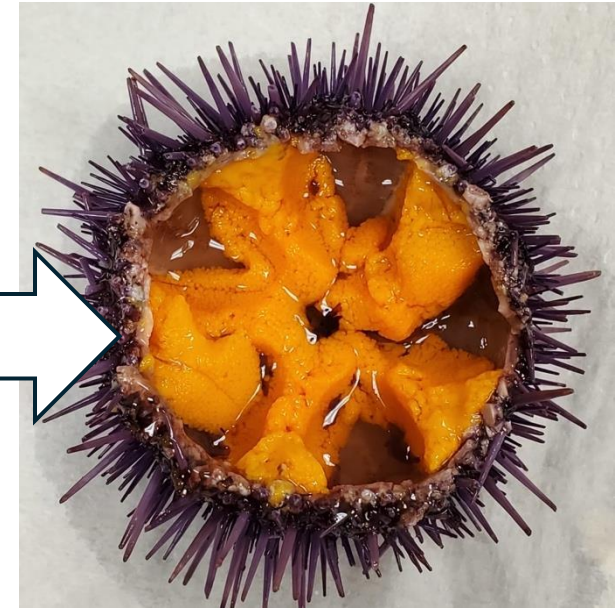
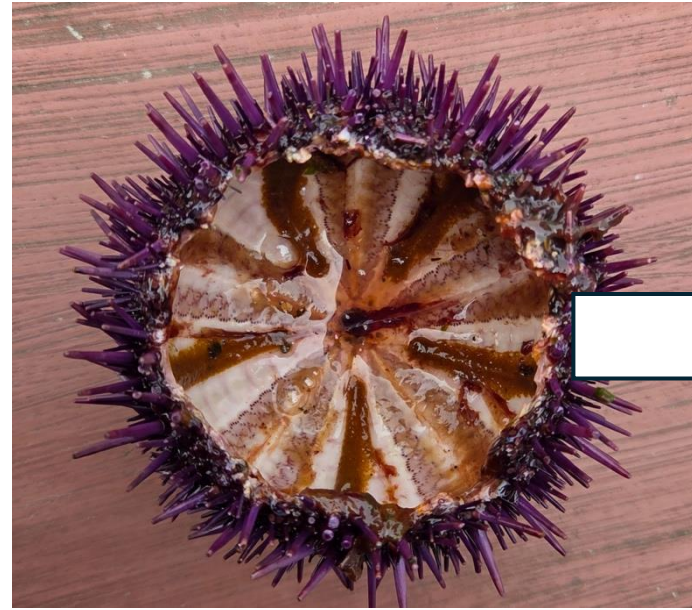
## Building Marine Science Capacity

A future Ocean Science Center needs scientific expertise and infrastructure now.

- Kelp forest restoration
- Marine mammal research
- Volunteer training
- Regional partnerships

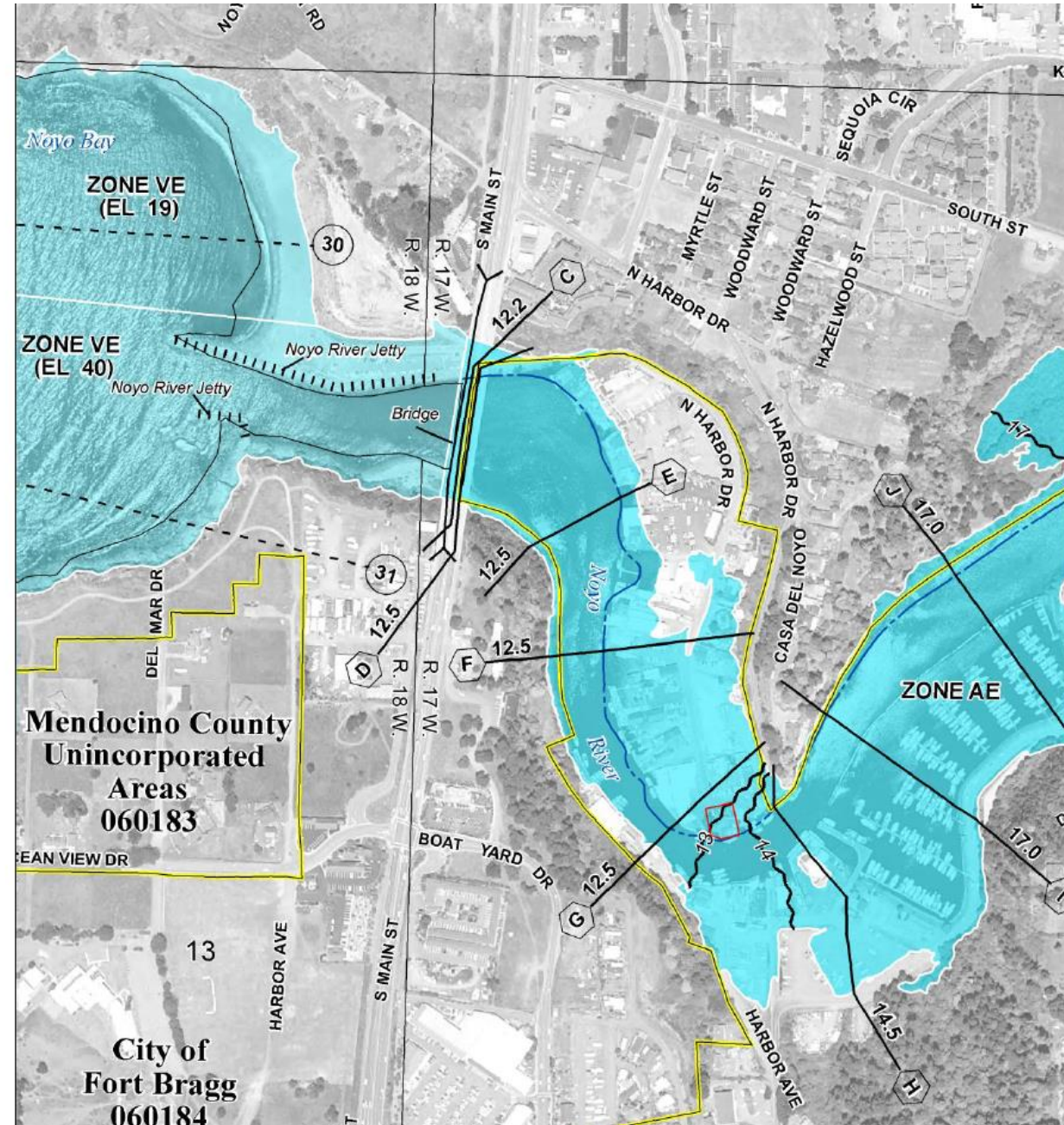
# Building Blue Economy Capacity

- Regenerative Aquaculture
  - Urchin ranching
  - Red abalone
  - Seaweed
  - Future: sea stars
- Workforce development
- BEVRI contributions



# Building Climate Resilience Capacity

- Kelp forest ecosystems
- Sea-level rise study
- FS adaptation planning
- Seawater intake discussions

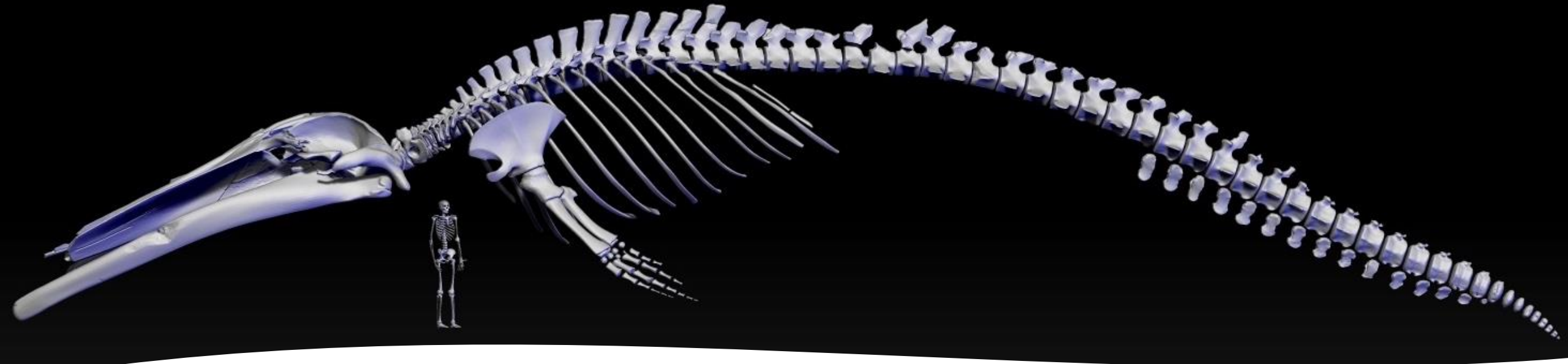


# Building Community Engagement Capacity

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- Hands on Science: Beaked whale project (blue whale on deck!)
- Public Engagement: KelpFest, Whale Festival, Noyo Pelagics
- Students: Field trips, afterschool programs, camps, Internships, classroom curriculum
- Volunteers (100+)





## What Comes Next

- Whale House completion by fall
- Bring the blue whale home, begin restoration
- Aquaculture expansion
- Ocean Science Center Planning
  - Restoration Master Plan



# Thank You!

[www.noyocenter.org](http://www.noyocenter.org)

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