

“CStories” Workshop

September 29, 2022
5:30 – 7:30 pm
Eureka Woman’s Club



Agenda

- Welcome and introductions
- CStories overview
- Watts Up with California offshore wind?
- Session 1: Information *to* communities
- Break
- Session 2: Information *from* communities
- Wrap-up



Welcome and Introductions



Grace Chang, Ph.D.
Integral Consulting Inc.
Principal Investigator



Ben Best, Ph.D.
EcoQuants, LLC
Technical Lead



Sharon Kramer, Ph.D.
H. T. Harvey & Associates
Technical Advisor



Ground Rules

- Participate actively
 - We value your thoughts and opinions!
- Be respectful of others
- Cell phones on silent

cstories.app – scroll to Poll

← → C ⌂ 🔒 https://cstories.app ☆ Search ⌂ P ⌂

Bookmarks Mail - Grace Chang - ... Vantagepoint Per Diem Rates Off-Campus Access SEMS - SERDP and ES... Tide Predictions - NO... Intralinks VIA PacWave Acoustics - ... Submissions

CStories.app Applications Workshops About ⌂ Q

Empowering Communities with Easy-to-Use Digital Tools to Participate in Marine Renewable Energy Planning & Development

Workshops

This Phase 1 project is active June 2022 to March 2023. We will conduct a series of workshops in California to solicit feedback for building out a prototype tool and apply for Phase 2 funding to build out a commercial application.

Date	Title	Host
Sep 21, 2022	Workshop #1 at SBMM	Santa Barbara Maritime Museum 
Sep 29, 2022	Workshop #2 at RCAA	Redwood Community Action Agency 

On this page

[Workshops](#)

Quick Links

Applications

Contact

Quick Links

for [Workshop #2 at RCAA](#), Thursday Sep 29, 2022

- Slides:
[CStories_RCAA.pdf](#)

<https://cstories.app/workshops.html>

What is your affiliation?

- A. Academic
- B. Government
- C. Non-Profit
- D. Industry (e.g., fishing, tourism, energy)
- None of the above

Total Results: 0

What is your affiliation?

- A. Academic
- B. Government
- C. Non-Profit
- D. Industry (e.g., fishing, tourism, energy)
- None of the above

What are your favorite ocean activities?

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How many days per week do you participate in ocean activities?

A. Everyday!

B. 4-6

C. 2-4

D. Less than 2

Never

Total Results: 0

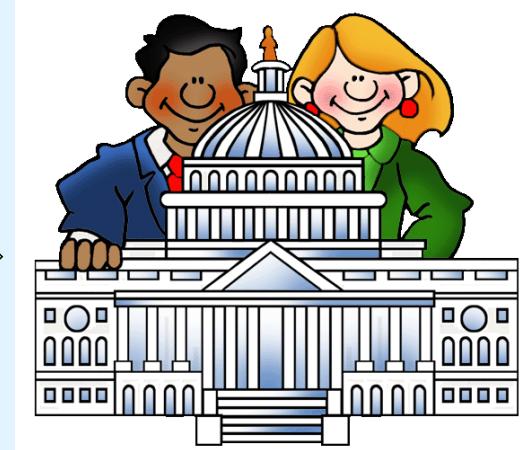
How many days per week do you participate in ocean activities?

- A. Everyday!
- B. 4-6
- C. 2-4
- D. Less than 2
- Never

CStories: Empower communities to participate in marine renewable energy planning and development

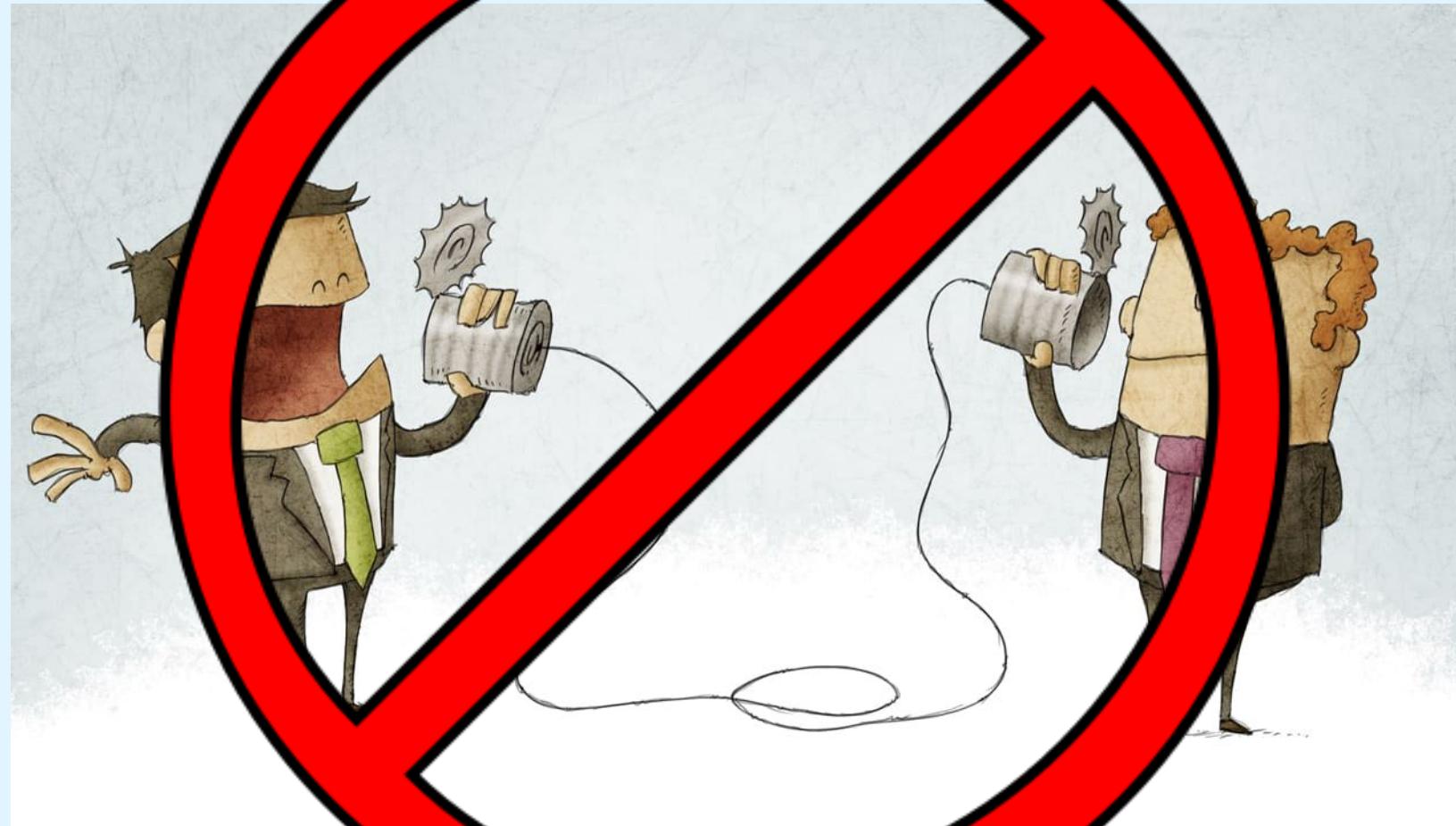


Disseminate relevant information to communities



Facilitate communication of community concerns and priorities

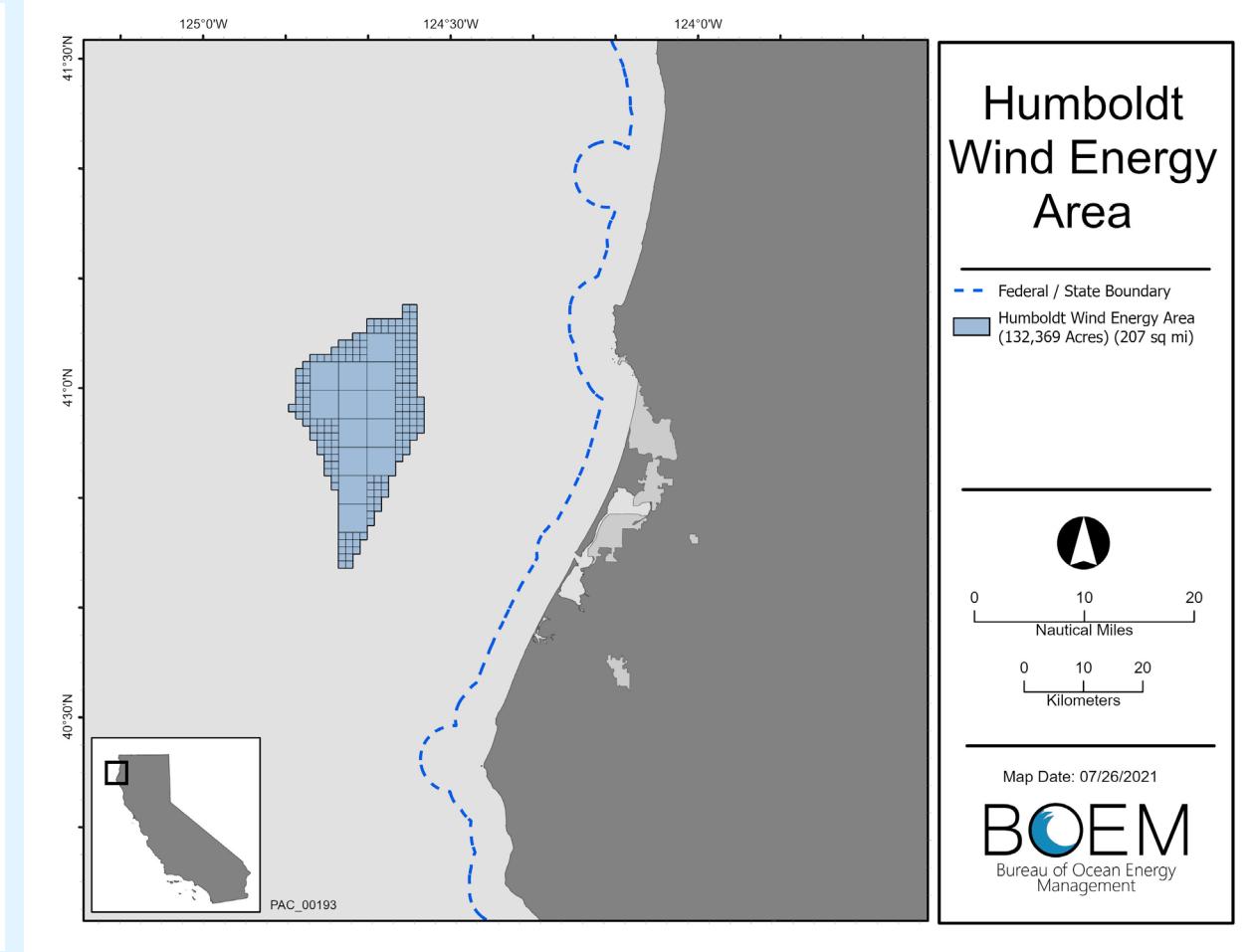
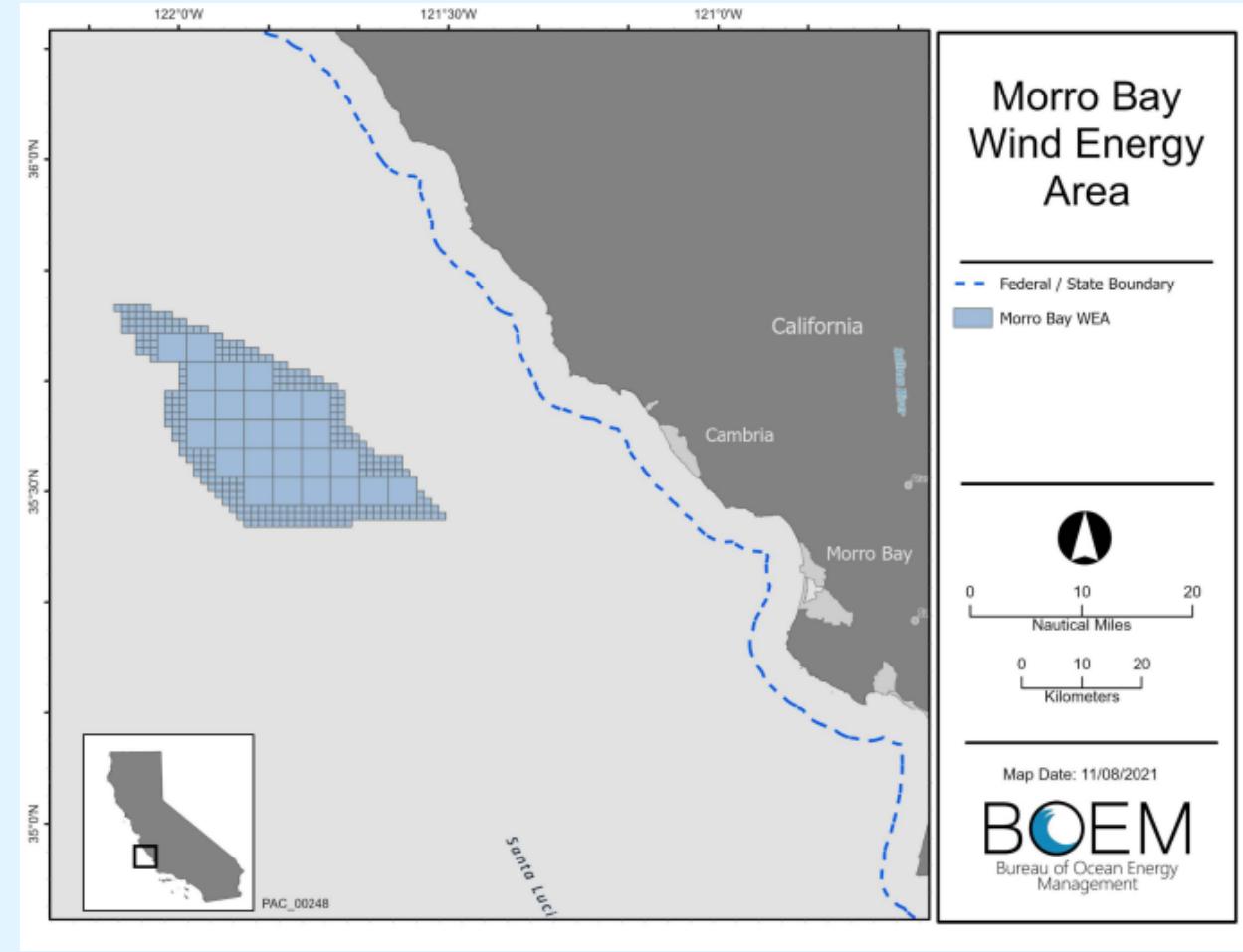
CStories



California Offshore Wind



California Wind Energy Areas



Morro Bay – View from Piedras Blancas



Viewpoint & Project Data
Piedras Blancas State Marine Reserve, San Simeon CA

Date	May 25, 2019	Distance to closest WFO	20.3 mi.
Hour	0900 hrs	Temperature	54°F
Latitude Coordinates	35°00'00" North	Windspeed Conditions	Cloudy
Longitude	120°45'00" West	Humidity	32%
Northings	3347075.3	Wave Height	1-2 feet
Eastings	957080.2	Wind Speed	1-2 mph
Height to Lens	5.1 Feet	Lighting Conditions	Ambient
Ground Elevation	31 feet	Turbine Output	15 MW
Camera Model	DSLR	Turbine Hub Height	400 ft
Focal Length	50 mm	Turbine Maximum Blade Height	880 ft
Field of View	324° x 55°	Turbine Blade Length	397 ft



Humboldt – View from Patrick's Point (Sue-Meg)



Patrick's Point State Park, Trinidad CA

Production Date: May 14, 2020

Proposed Morning View



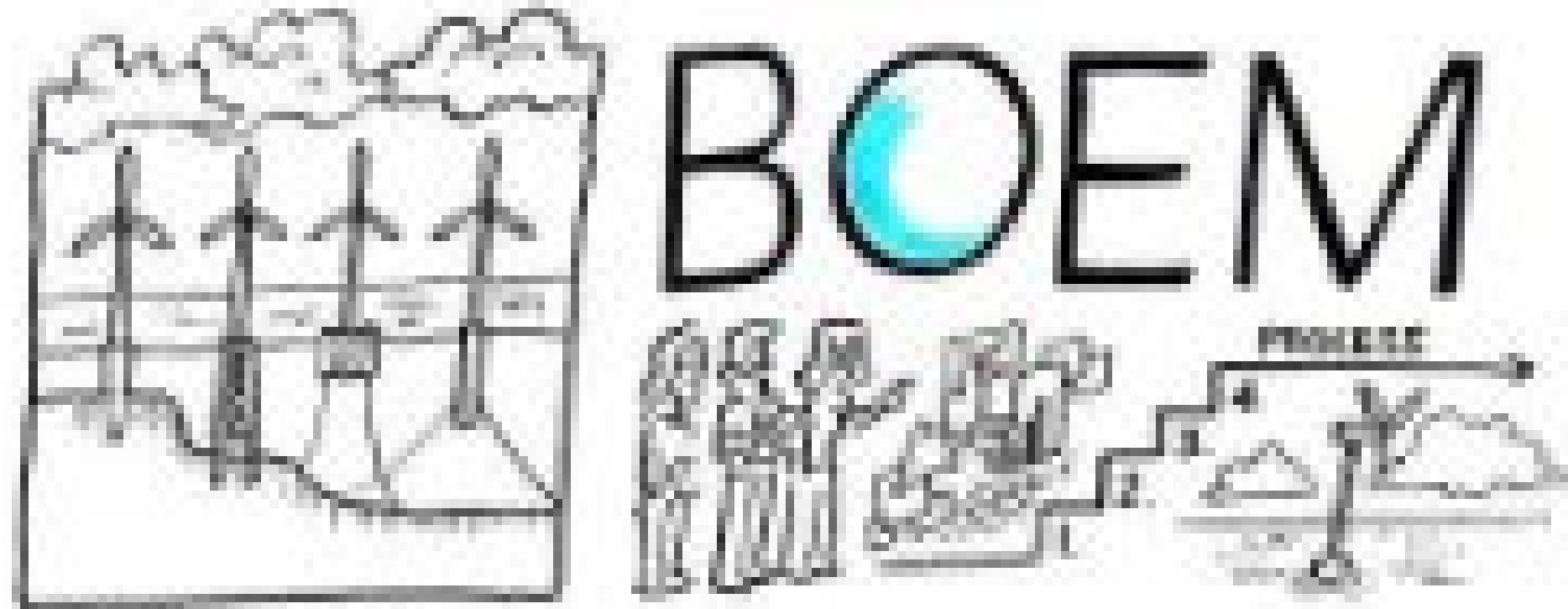
Viewpoint & Project Data	
Date	May 28, 2020
Time	0900 Hrs
Camera Coordinates	UTM Z13N Meters
Northings	4033923.5
Eastings	4033923.5
Height to Lens	5.1 Feet
Ground Elevation	157 Feet
Camera Make	Nikon
Camera Model	D810
Focal Length	50 mm
Field of View	324° x 35°
Distance to Closest WtG: 20.5 mi	
Temperature: 51°F	
Weather Conditions: Cloudy	
Wind Speed: 0 mph	
Wind Height: 1.2 ft	
Lighting Conditions: Ambient	
Turbine Output: 15 MW	
Turbine Hub Height: 406 ft	
Turbine Maximum Blade Height: 500 ft	
Turbine Blade Length: 399 ft	

BOEM
Bureau of Ocean Energy Management

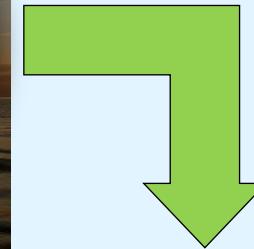


ess group

Bureau of Ocean Energy Management



Session 1



Disseminate relevant
information to
communities



How would you feel if you heard news that an offshore wind energy project is being proposed for installation in your local waters?

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What information do you wish you had about offshore energy development? What are you most confused about?

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Session 1. Receive Information



Disseminate relevant
information to
communities

Session 1. Receive Information



What tools do you like to use to get information?

- Download a **report**



- Watch a **video**



- Subscribe:

- **Text**



- **Email (newsletter)**



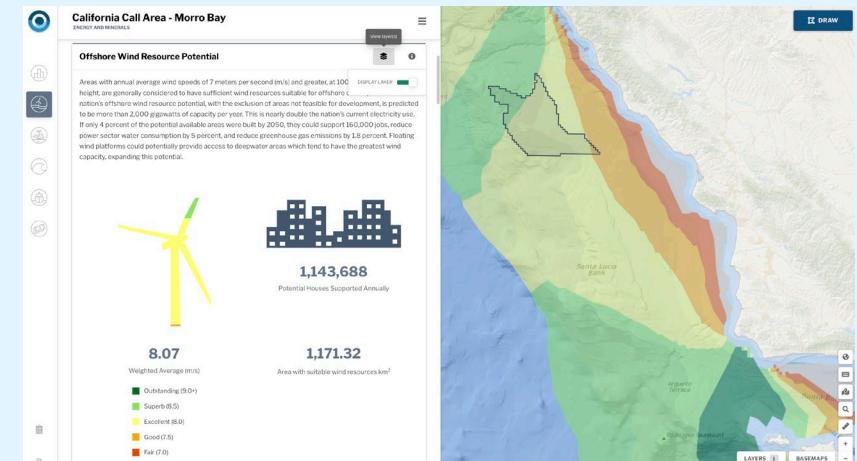
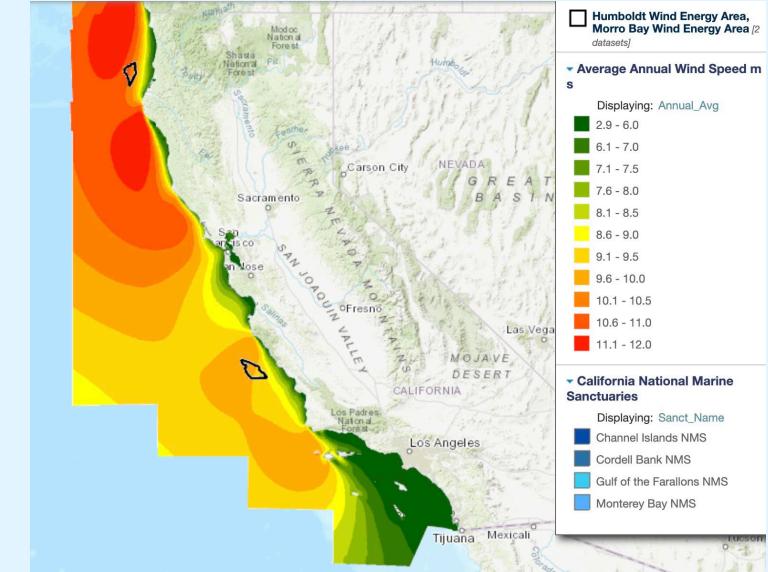
- **Twitter account**



Session 1. Receive Information

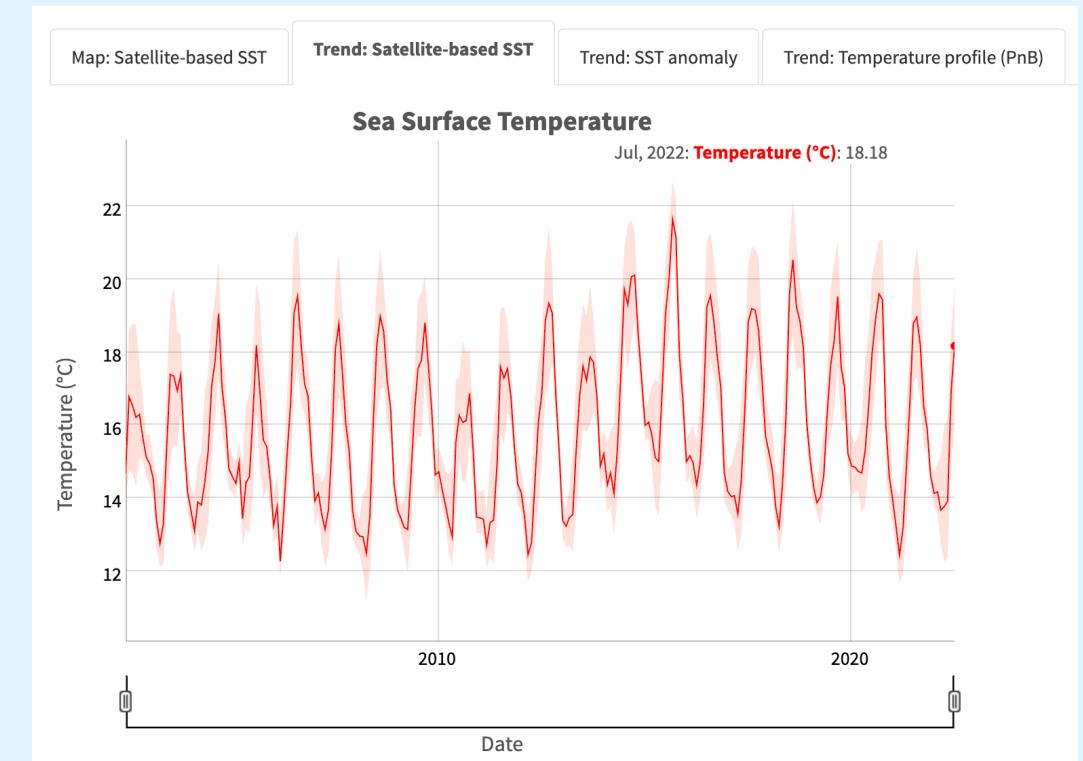
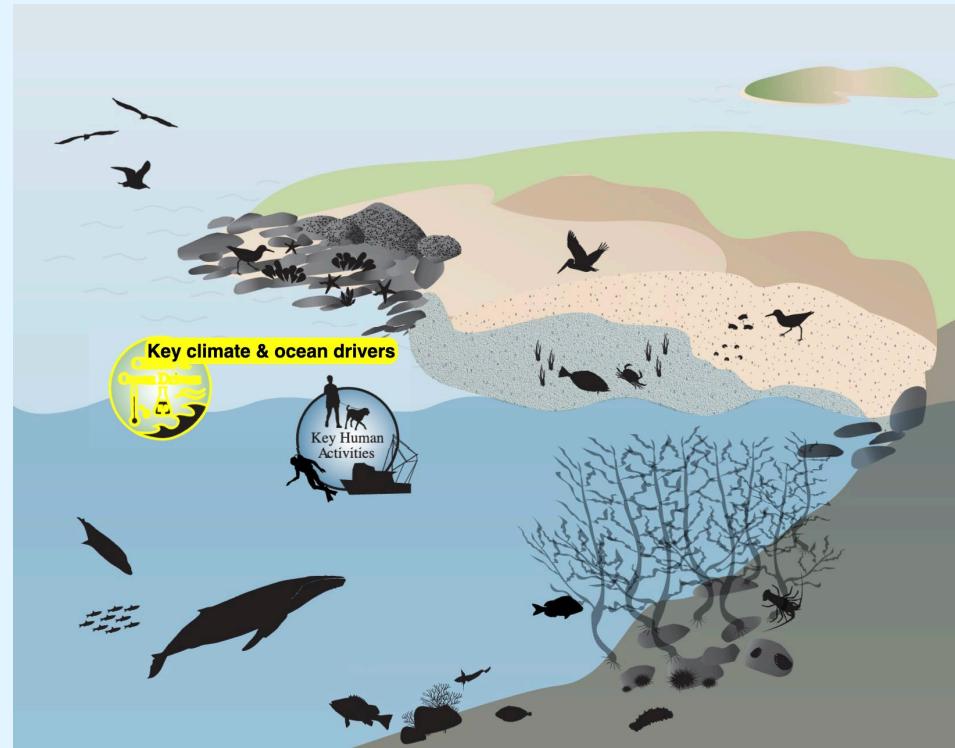
Portals:

- caoffshorewind.databasin.org
- marinecadastre.gov/oceanreports



Session 1. Receive Information

- **Infographics:** clickable icons to (place-based) info
example: sanctuarywatch.ioos.us/webcr-channelislands



Session 1. Receive Information



Please use **stickies** to share specific feedback on:
good (+) and bad (-) with priorities (1..), optional initials (BB)

1 + infographics BB

icons and info for
Wiyot natural
heritage?

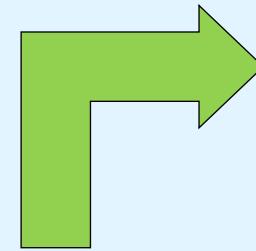
2 - report BB

too dense with
scientific language

10 min Break



Session 2. Provide Feedback



Facilitate communication of community concerns and priorities

What are your biggest concerns with offshore wind development?

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What are the biggest benefits to you as the result of offshore wind development?

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Session 2. Provide Feedback

What tools would you like to communicate out your concerns?

- Standard media: email, letter, video, ...
- Infographics
- Weighted Map
- Tradeoff App

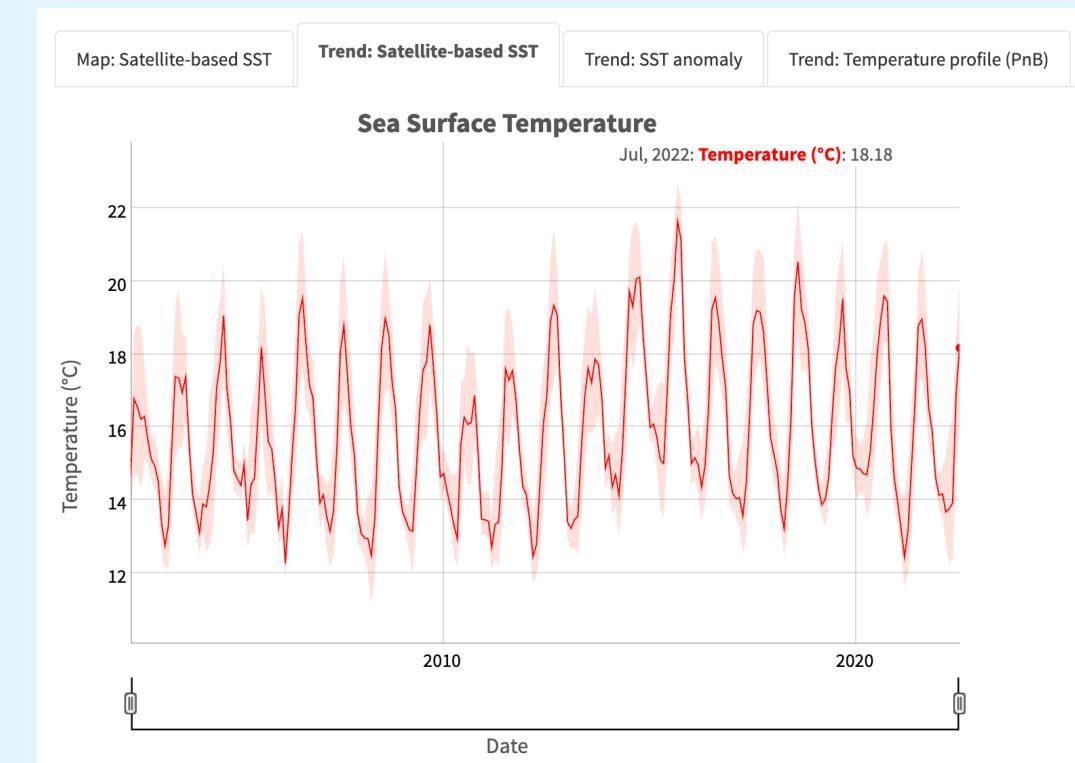
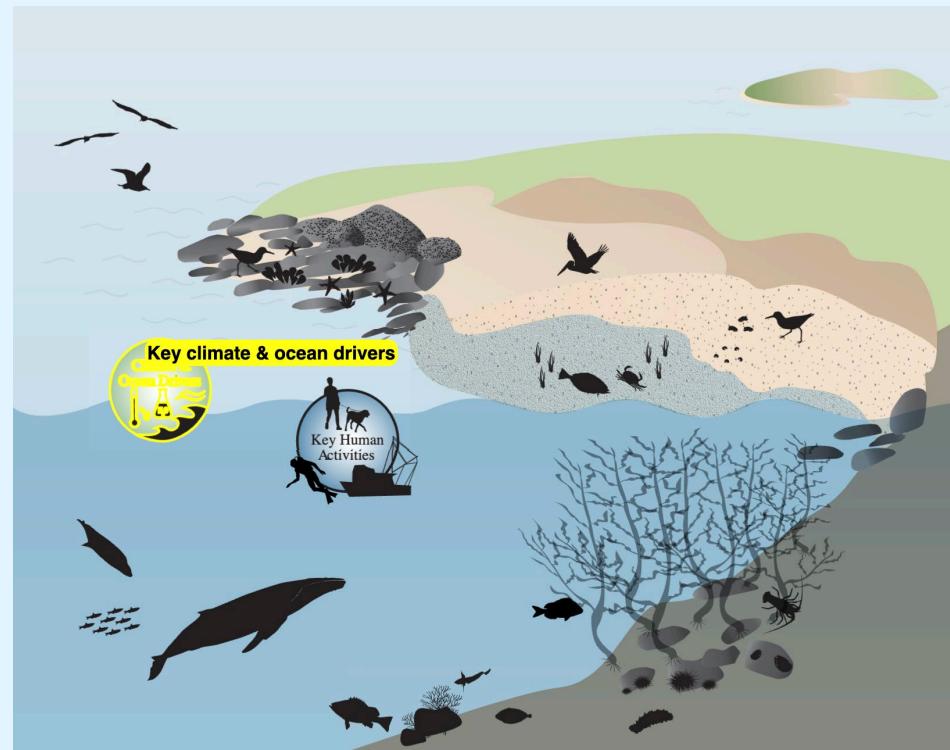
Session 2. Provide Feedback

- What *features* would be most useful?
- What *platform* (phone, computer, kiosk) would you be most likely to use?
- Would you *recommend* this type of tool to others and why?

Session 2. Provide Feedback

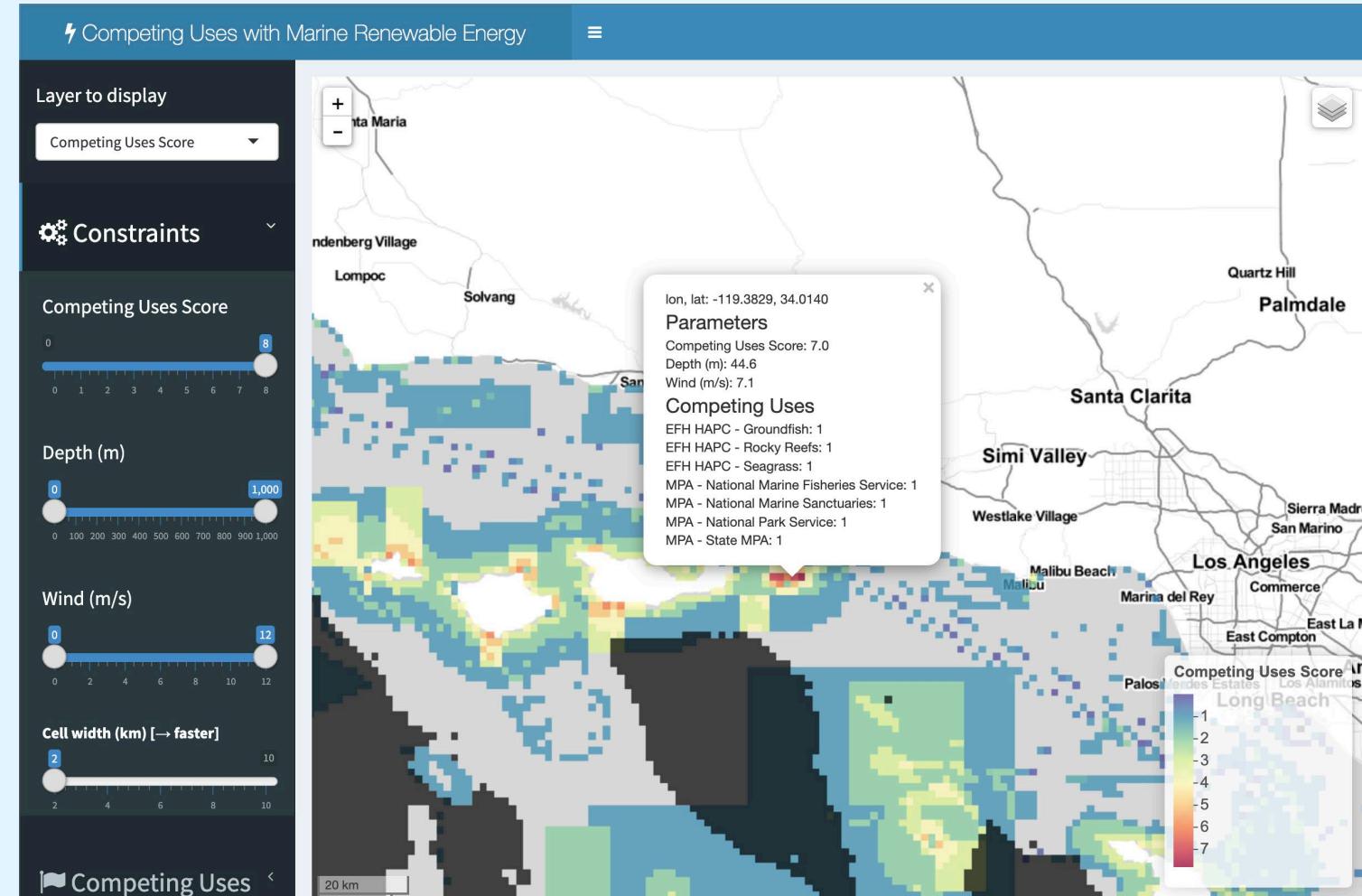


- **Infographics**: clickable icons to (place-based) info
example: sanctuarywatch.ioos.us/webcr-channelislands



Session 2. Provide Feedback

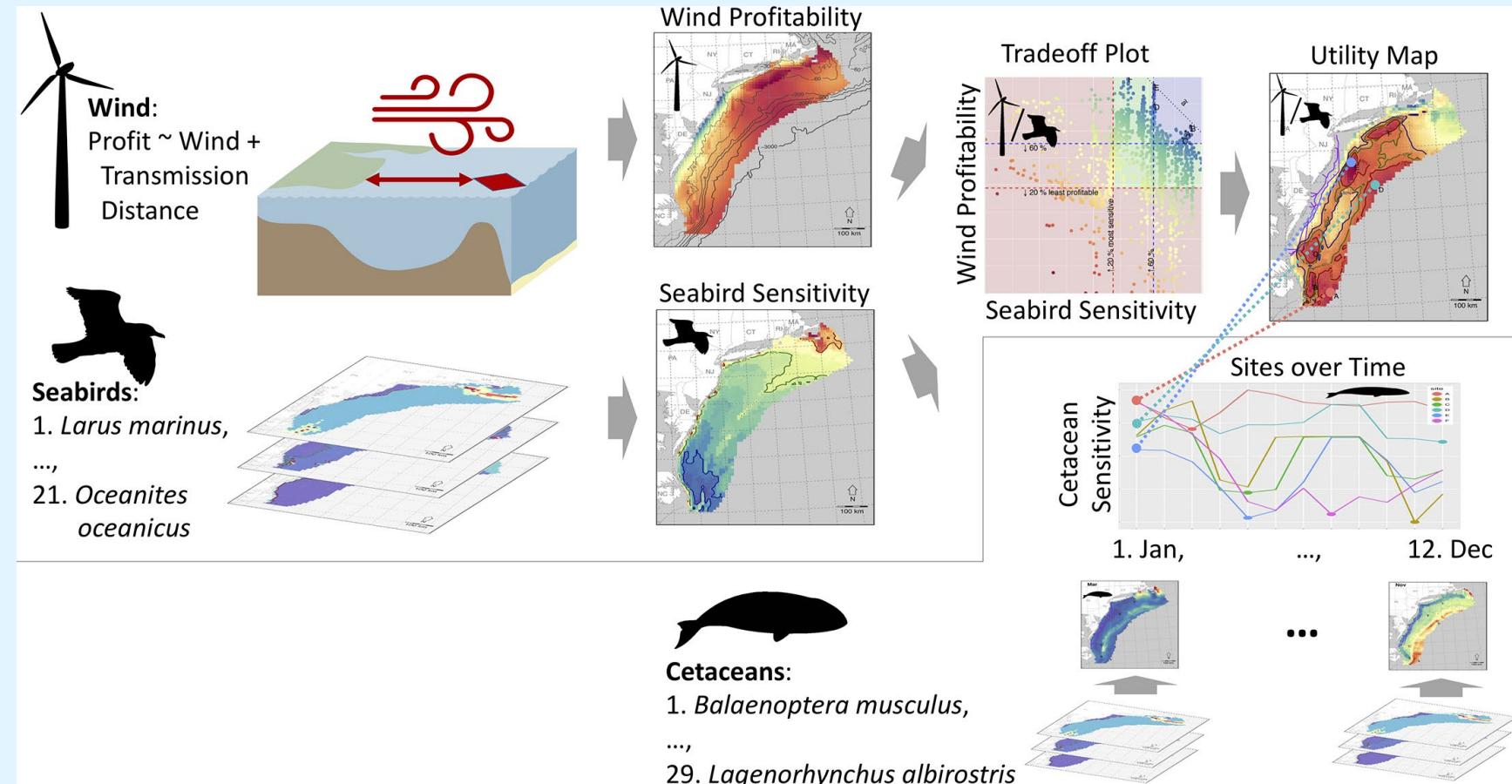
- **Weighted Map**
human uses,
species / habitats
can be given
different *weights*
to highlight
conflicts



ecoquants.shinyapps.io/nrel-uses

Session 2. Provide Feedback

- **Tradeoff App** show win-win locations with weights applied to industry vs concern



shiny.marinebon.app/siting

Session 2. Provide Feedback

Please use **stickies** to share specific feedback on:
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1 + infographics BB

icons and info for
Wiyot natural
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2 - tradeoff app BB

too complex to
easily understand

THANK YOU!!

We welcome your feedback.

forms.gle/Dw5yQrajQcAcFH4v9

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