

# “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



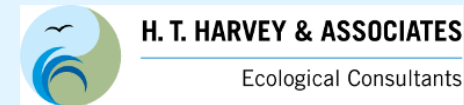
Grace Chang, Ph.D.  
Integral Consulting Inc.  
Principal Investigator



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



Browser navigation bar showing address <https://cstories.app>, search bar, and various bookmarked sites like Mail - Grace Chang, Vantagepoint, Per Diem Rates, Off-Campus Access, SEMS - SERDP and ES..., Tide Predictions - NO..., Intralinks VIA, PacWave Acoustics, and Submissions.



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

On this page

- [Workshops](#)
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- [Applications](#)
- [Contact](#)

## 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	<a href="#">Workshop #1 at SBMM</a>	Santa Barbara Maritime Museum 
Sep 29, 2022	<a href="#">Workshop #2 at RCAA</a>	Redwood Community Action Agency 

## Quick Links

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

- Slides:  
[CStories\\_RCAA.pdf](#)

## 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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Start the presentation to see live content. For screen share software, share the entire screen. Get help at [pollev.com/app](https://pollev.com/app)



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

A. Everyday!

B. 4-6

C. 2-4

D. Less than 2

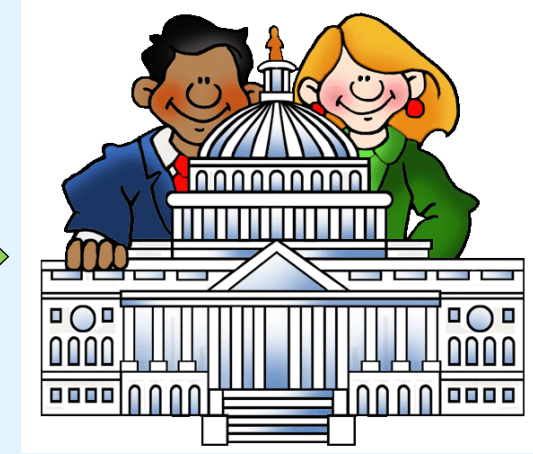
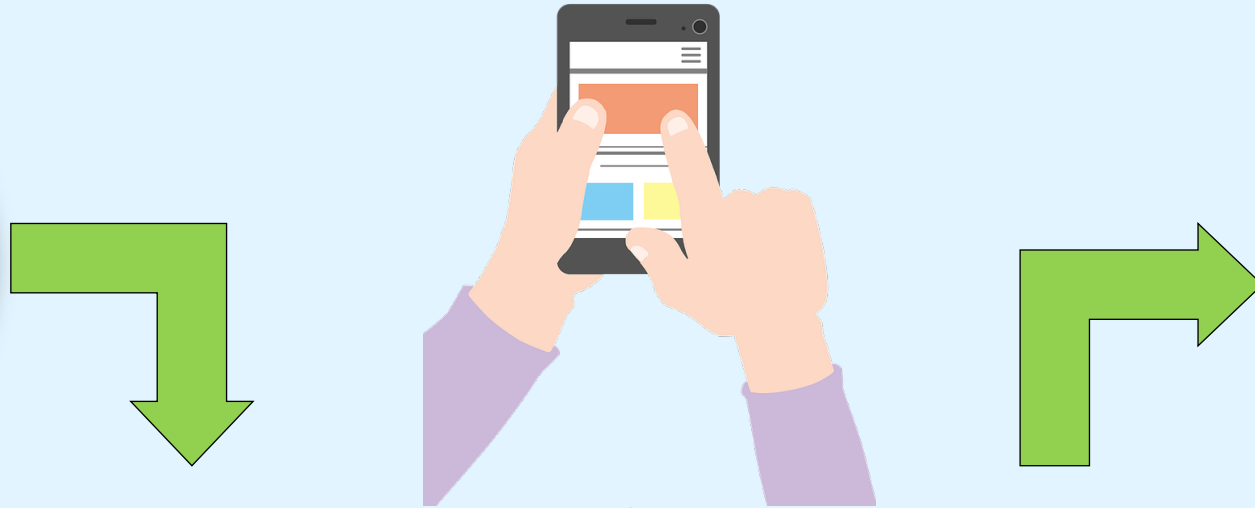
Never

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



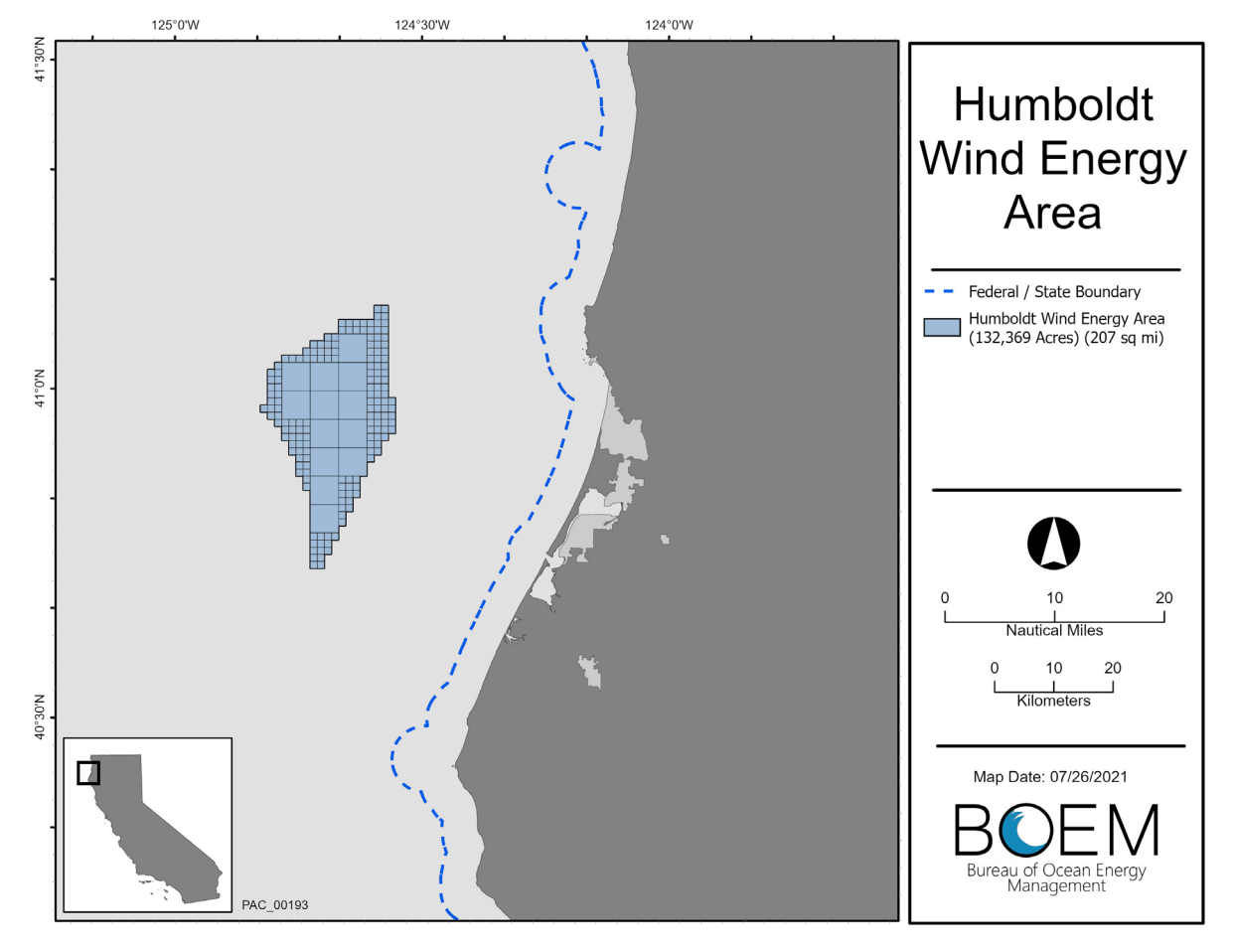
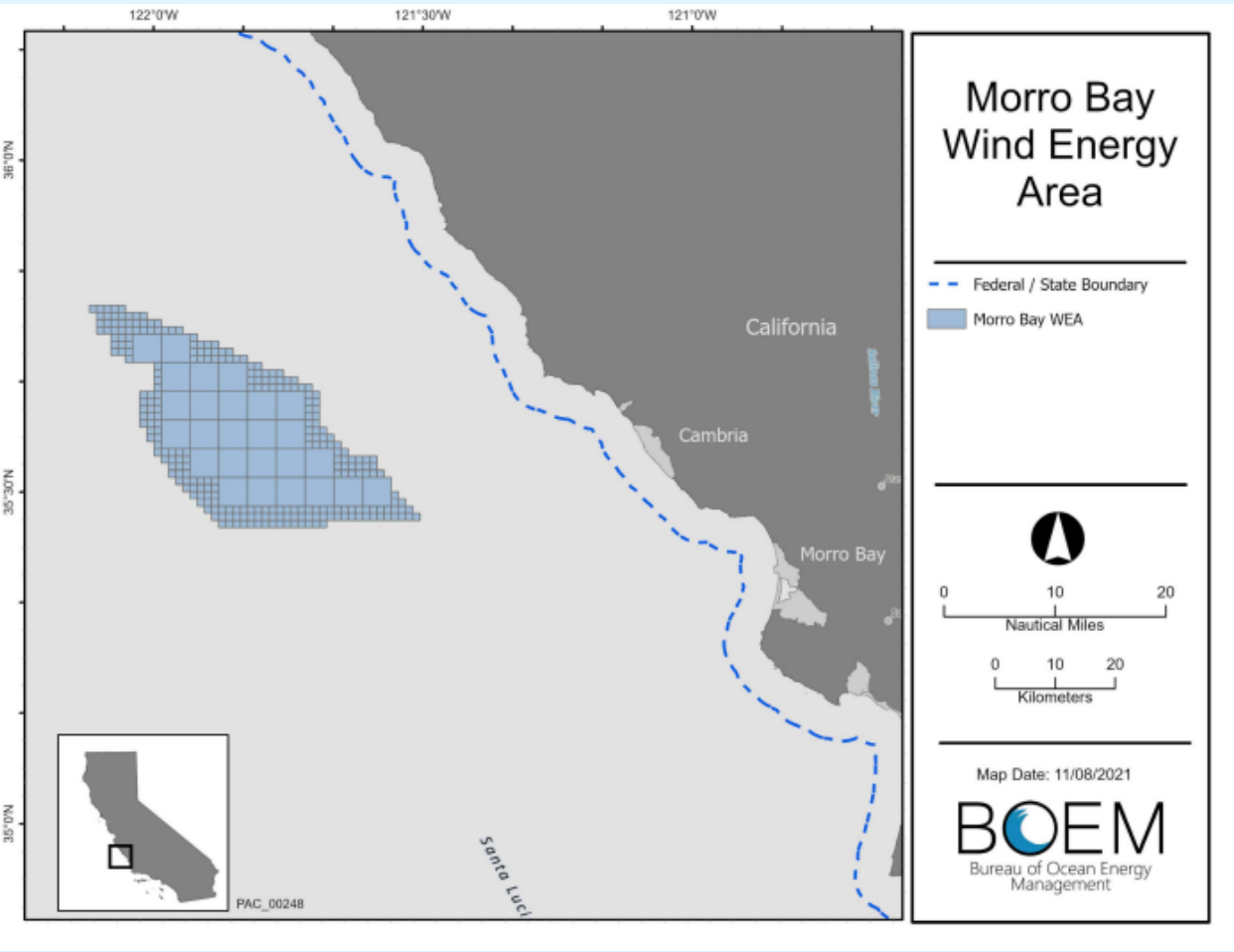
# CStories



# California Offshore Wind



# California Wind Energy Areas

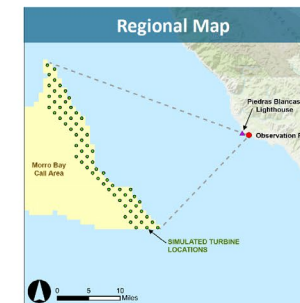
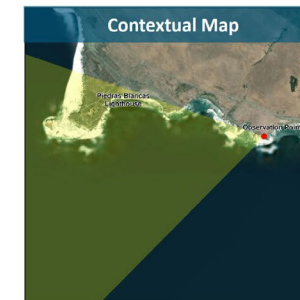


# Morro Bay – View from Piedras Blancas



Piedras Blancas State Marine Reserve, San Simeon CA

Proposed Morning View



### Viewpoint & Project Data

Piedras Blancas State Marine Reserve, San Simeon CA

Date	May 25, 2010	Distance to Closest WTG	25.5 mi
View	0900 hrs	Temperature	57°F
Camera Coordinates	37.622206 meters	Weather Conditions	Cloudy
Northing	3347974.8	Humidity	75%
Easting	627086.2	Wave Height	5-7 Feet
Height to Lens	5.1 Feet	Lighting Conditions	Ambient
Ground Elevation	33 Feet	Turbine Output	15 MW
Camera Make	Nikon	Turbine Hub Height	400 Ft
Camera Model	D810	Turbine Maximum Blade Height	489 Ft
Focal Length	50 mm	Turbine Blade Length	197 Ft
Field of View	124° x 33°		

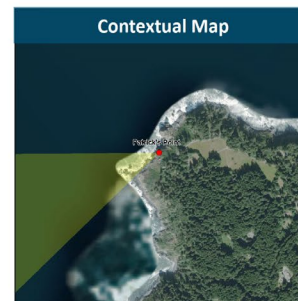


# Humboldt – View from Patrick’s Point (Sue-Meg)



Patrick's Point State Park, Trinidad CA

Proposed Morning View



### Viewpoint & Project Data

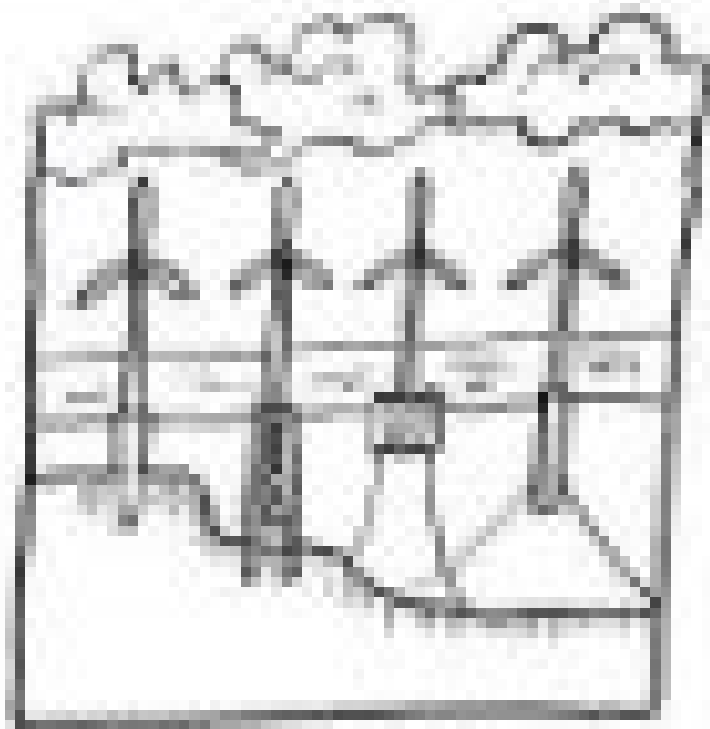
Patrick's Point State Park, Trinidad CA

Date	May 28, 2013	Distance to Closest WTG	23.2 Mi
Time	0900 hrs	Temperature	53°F
Camera Coordinates	UTM 210M Meters	Weather Conditions	Cloudy
Heading	451442.5	Humidity	96%
Altitude	403483.3	Wave Height	3.2 Feet
Height to Lens	5.1 Feet	Lighting Conditions	Ambient
Ground Elevation	157 Feet	Turbine Output	15 MW
Camera Make	Nikon	Turbine Hub Height	466 Ft
Camera Model	D810	Turbine Maximum Blade Height	603 Ft
Focal Length	50 mm	Turbine Blade Length	107 Ft
Field of View	33.4° x 35°		

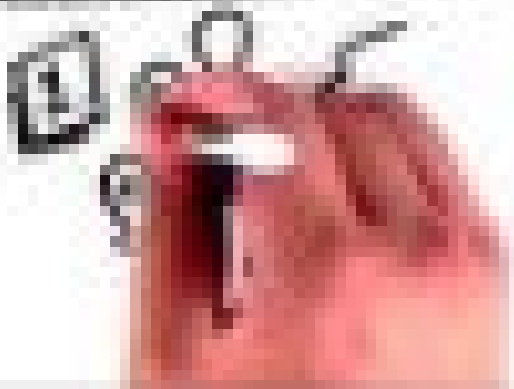
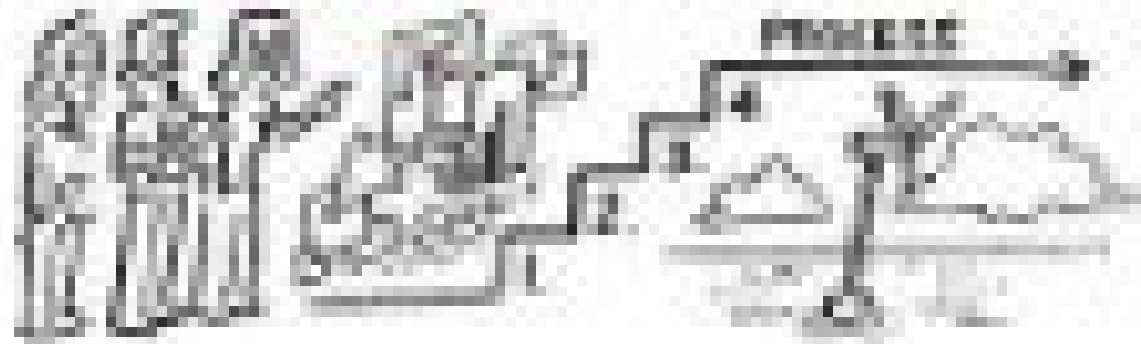




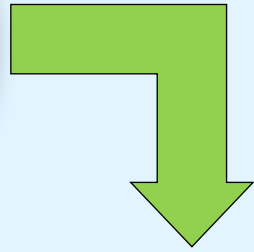
# Bureau of Ocean Energy Management



BOEM



# 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?**

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

# Session 1. Receive Information








Disseminate relevant information to communities



# Session 1. Receive Information



## *What tools do you like to use to get information?*

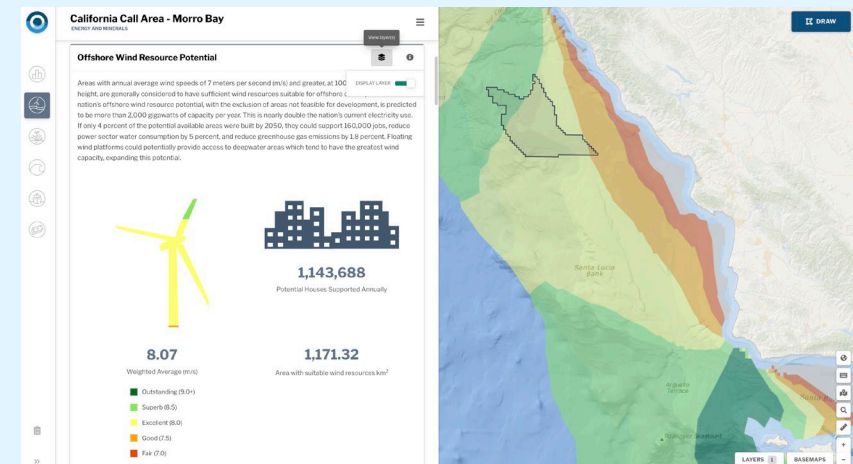
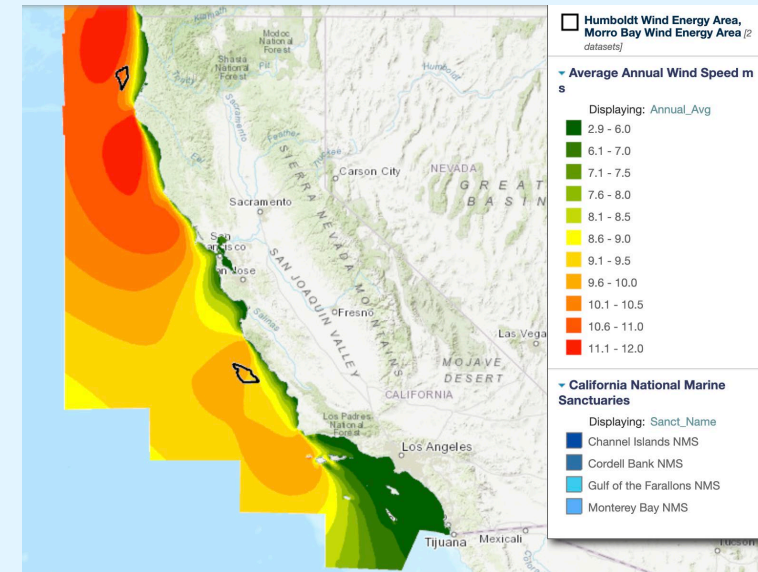
- Download a **report** 
- Watch a **video** 
- Subscribe:
  - **Text** 
  - **Email** (newsletter) 
  - **Twitter** account 

# Session 1. Receive Information



## Portals:

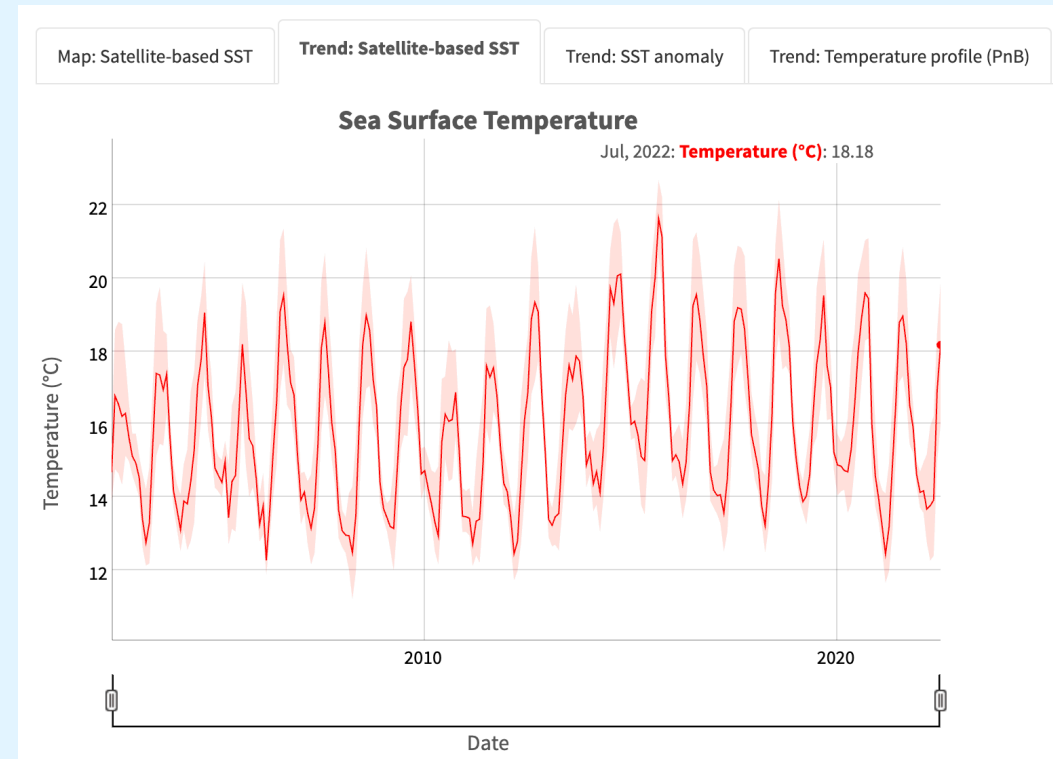
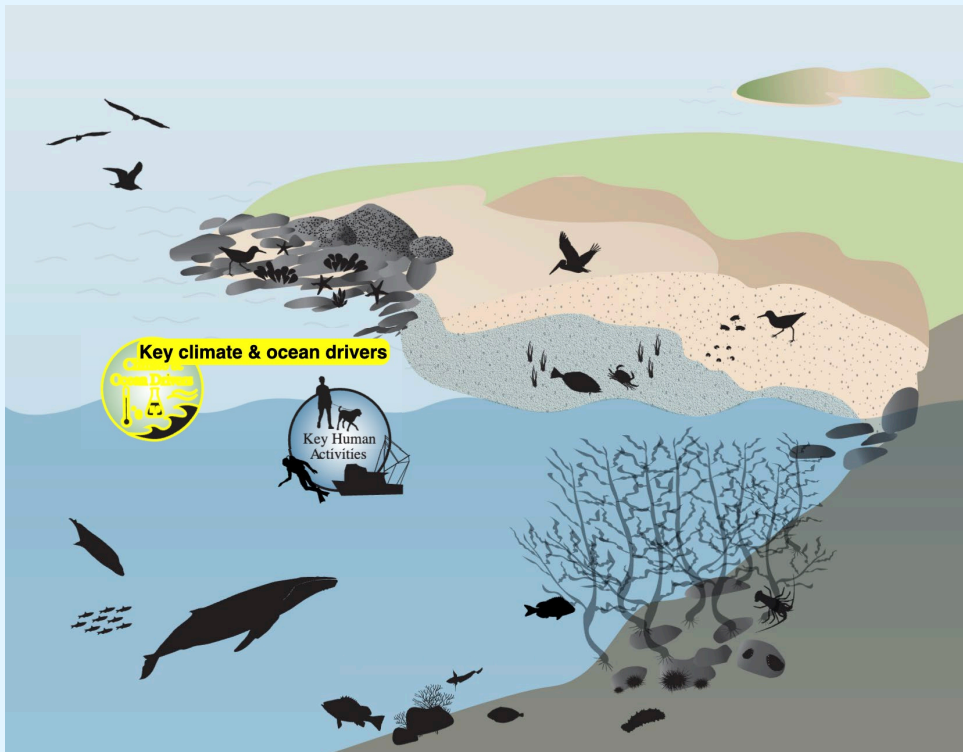
- [caoffshorewind.databasin.org](http://caoffshorewind.databasin.org)
- [marinecadastre.gov/oceanreports](http://marinecadastre.gov/oceanreports)



# Session 1. Receive Information



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

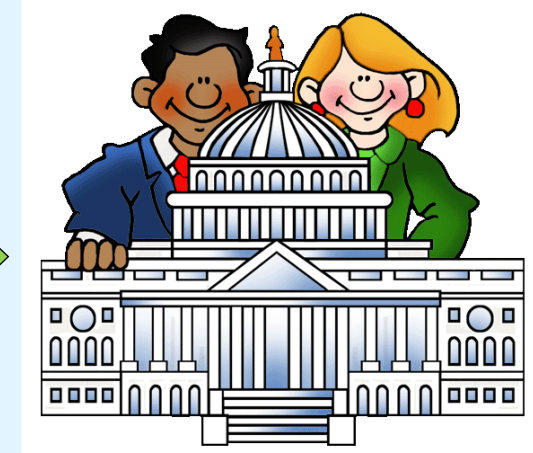
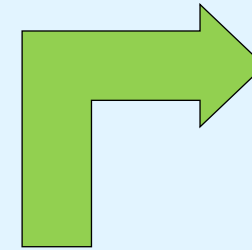
2 - report BB

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

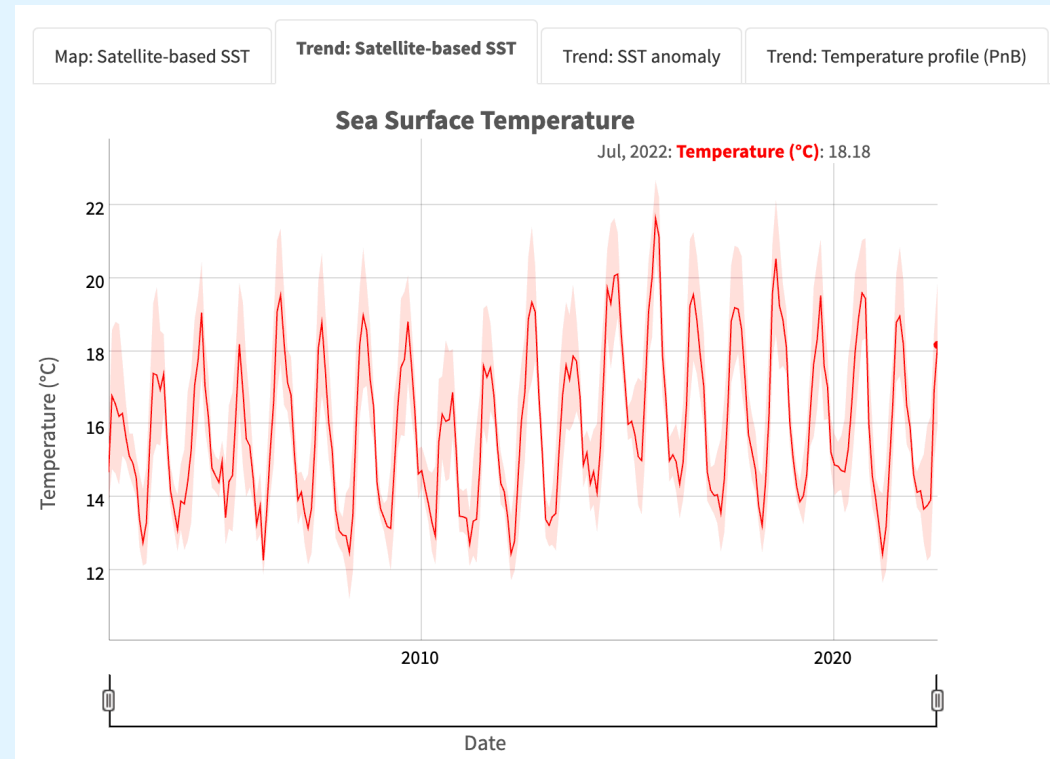
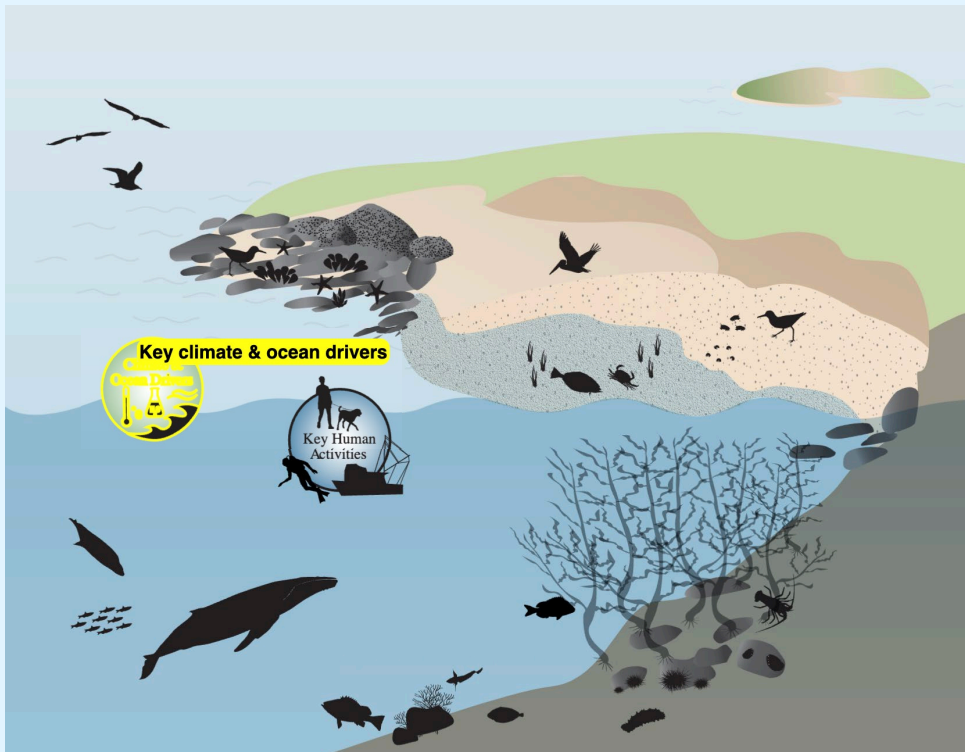


- What ***features*** would be most useful?
- What ***platform*** (phone, computer, kiosk) would you be most likely to use?
- Would you ***recommend*** this type of tool to others and why?

# Session 2. Provide Feedback



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

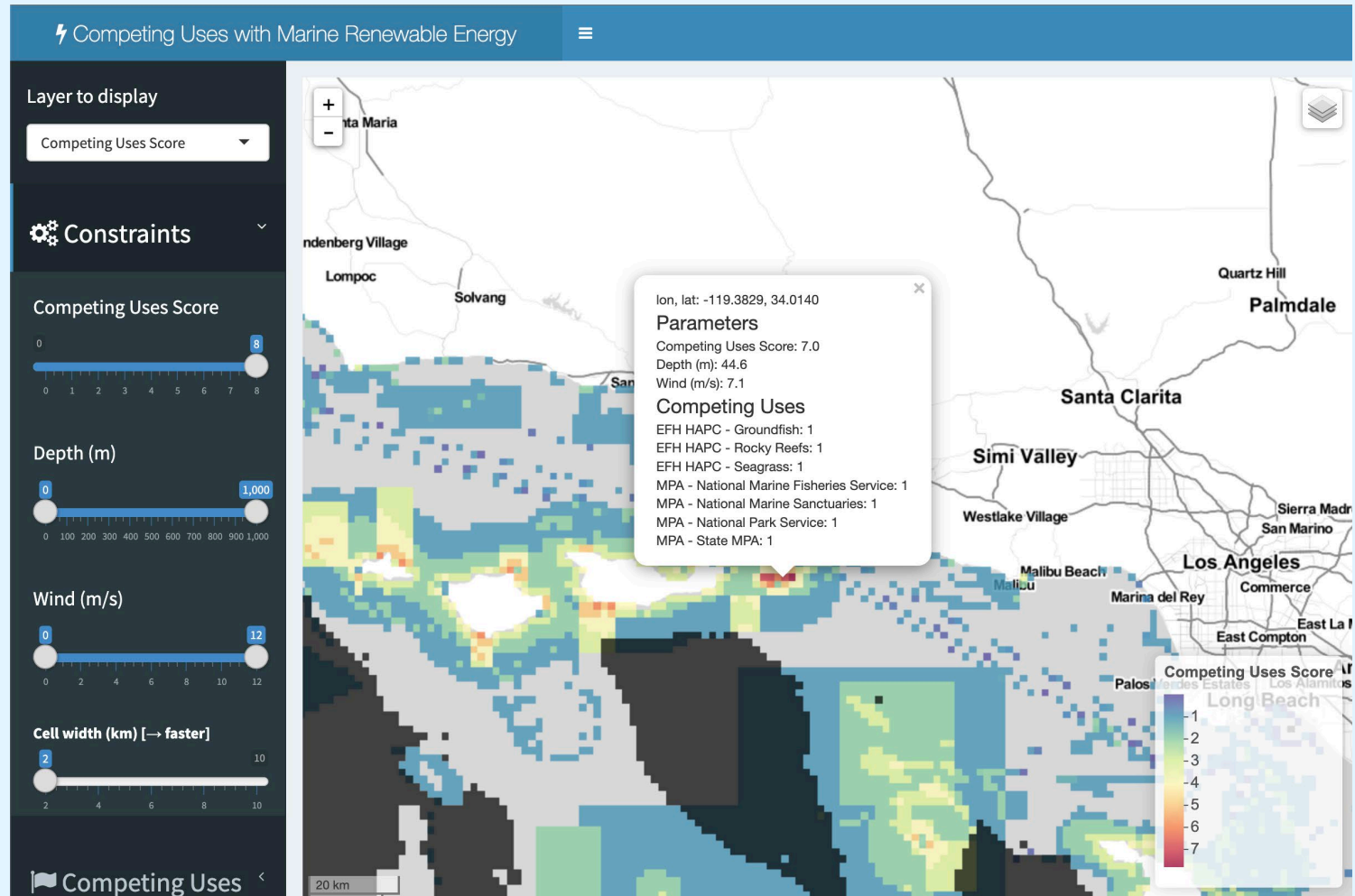




# Session 2. Provide Feedback



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

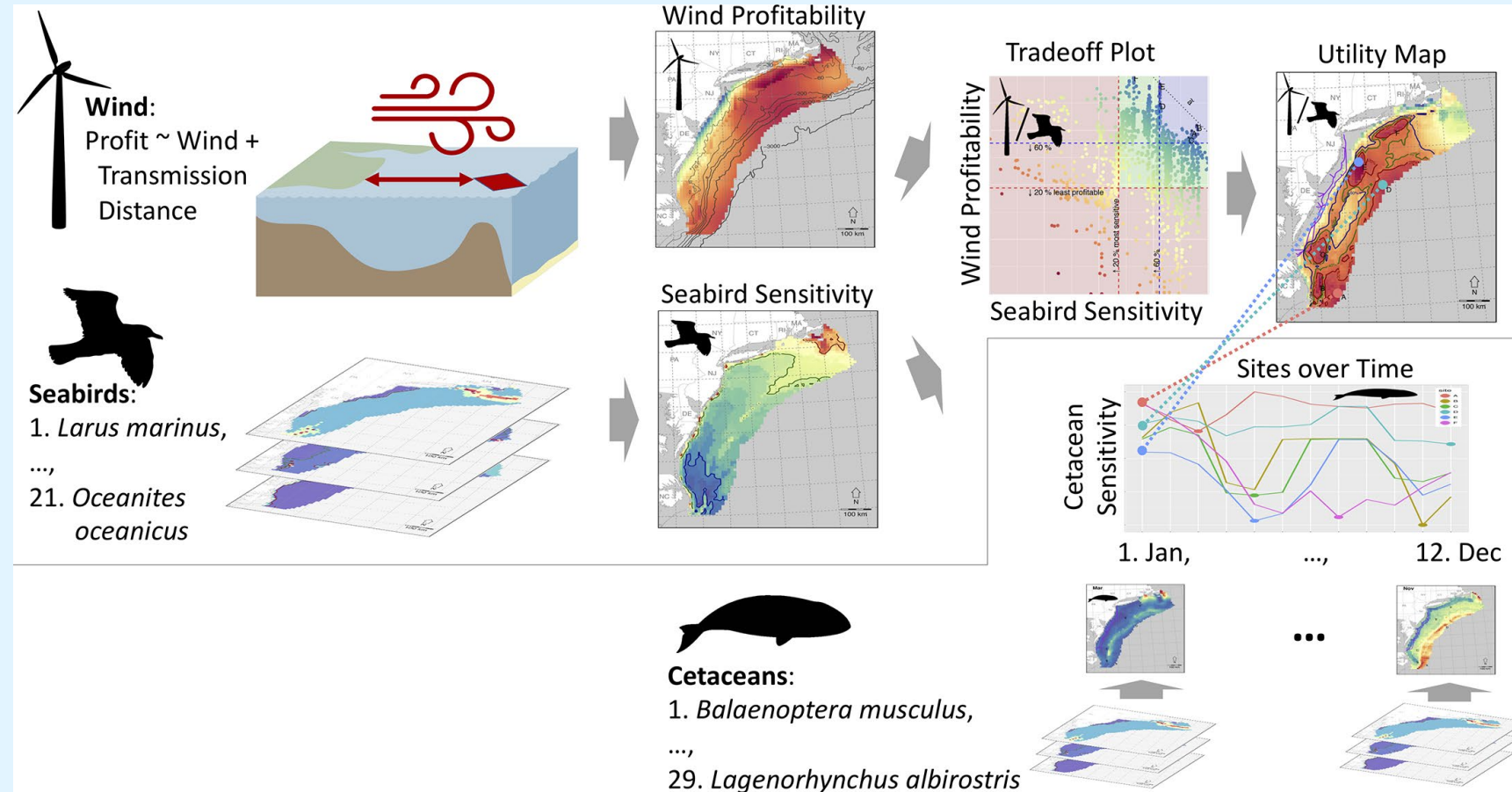


[ecoquants.shinyapps.io/nrel-uses](https://ecoquants.shinyapps.io/nrel-uses)

# Session 2. Provide Feedback



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



[shiny.marinebon.app/siting](https://shiny.marinebon.app/siting)

# Session 2. Provide Feedback



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good (+) and bad (-) with priorities (1..), optional initials (BB)

1 + infographics BB

icons and info for  
Wiyot natural  
heritage?

2 - tradeoff app BB

too complex to  
easily understand

# THANK YOU!!

We welcome your feedback.

[forms.gle/Dw5yQrajQcAcFH4v9](https://forms.gle/Dw5yQrajQcAcFH4v9)

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