

“CStories” Workshop

September 21, 2022

5 – 7 pm

Santa Barbara Maritime Museum

Please view this presentation
and all links at:

cstories.app



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



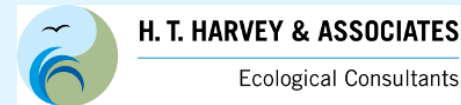
Grace Chang, Ph.D.
Integral Consulting Inc.
Principal Investigator



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

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

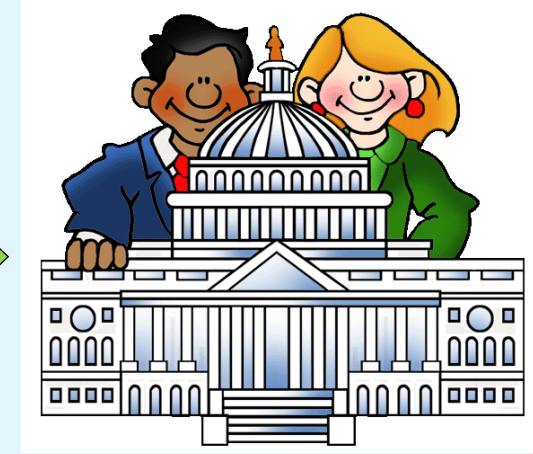
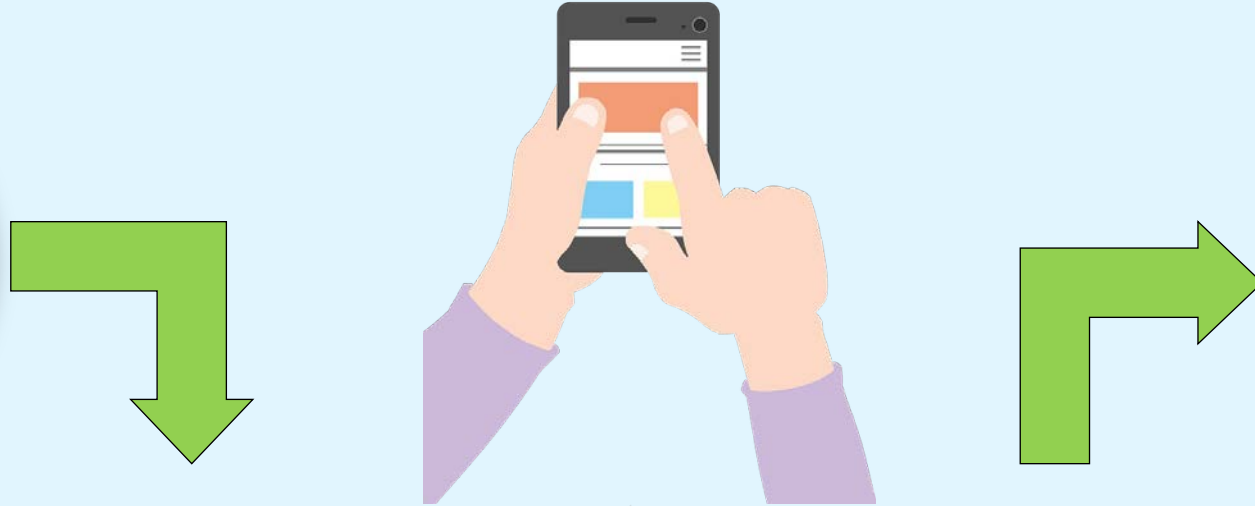
Never

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



Input: Disseminate relevant information to communities



Output: Facilitate communication of community concerns and priorities

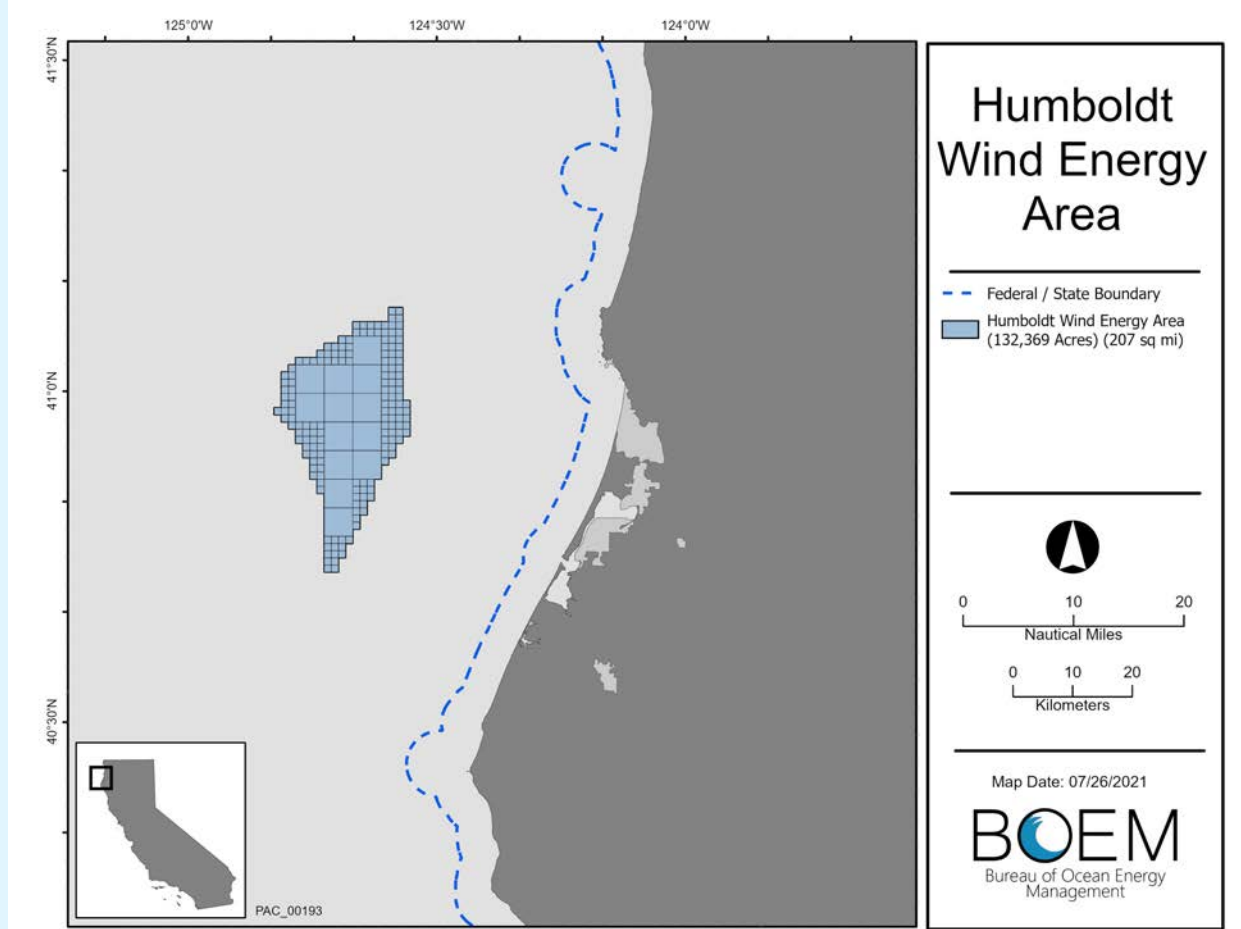
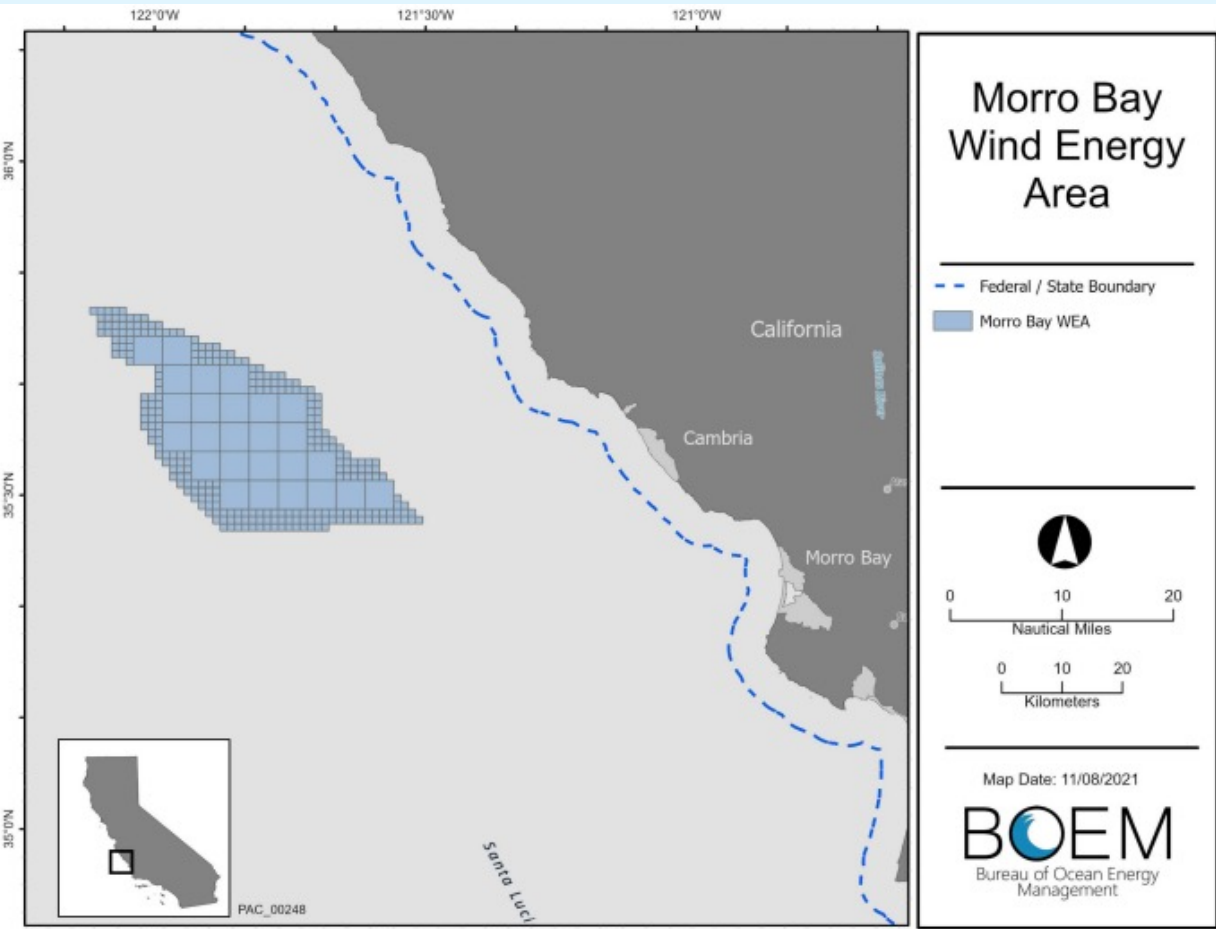
CStories



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, 2022	Distance to Dissect WFS	25.0 mi
Tide	0200 hrs	Temperature	52.7°
Camera Coordinates	37.00 N 122.00 W	Weather Conditions	20000
Bearing	042°/15.0	Humidity	67%
Swelling	0.00000	Wave Height	3.0-5.000
Height to Lens	6.0 Feet	Lighting Conditions	Amidst
Adjusted Orientation	0.0 Feet	Turbine Depth	20.000
Camera Model	9000	Turbine Neck Height	400.00
Focal Length	28 mm	Turbine Mainstream Width Height	400.00
Total Altitude	120.0' +/-	Turbine Blade Length	207.00



Humboldt – View from Patrick's Point



Patrick's Point State Park, Trinidad CA

Proposed Morning View

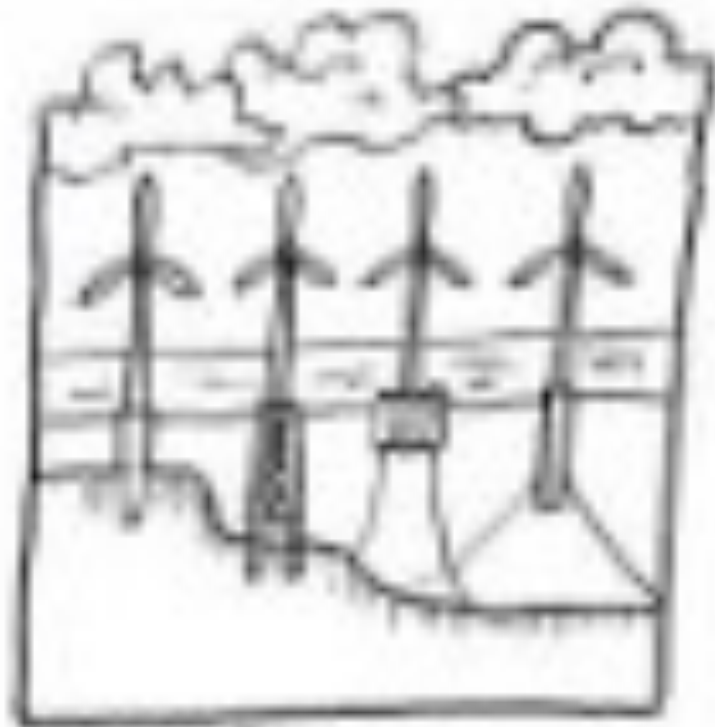


Viewpoint & Project Data
Patrick's Point State Park, Trinidad CA

Date	July 26, 2017	Distance to Closest WTH	25.2 mi
Tide	0000 hrs	Temperature	52°F
Camera Coordinates	37°N 123°W	Weather Conditions	Altogether
Altitude	411.11 ft	Humidity	88%
Swelling	4.000 ft	Wave Height	3.0-7.000
Height to Lens	4.0 feet	Lighting Conditions	Amidst
Accessed Orientation	157.700°	Farthest Distance	15.900
Camera Model	iPhone	Turbine Stack Height	400 ft
Camera Model	iPhone	Turbine Mainframe Width Range	265 ft
Field Length	50 mm	Turbine Blade Length	207 ft
Field of View	22.4° x 30°		



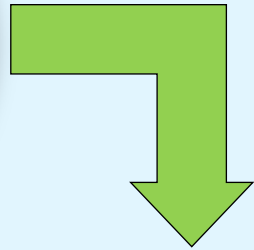
Bureau of Ocean Energy Management



BOEM



Session 1: Input



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: Input Tools








Disseminate relevant information to communities



Session 1: Input Tools



What tools do you like to use to get information?

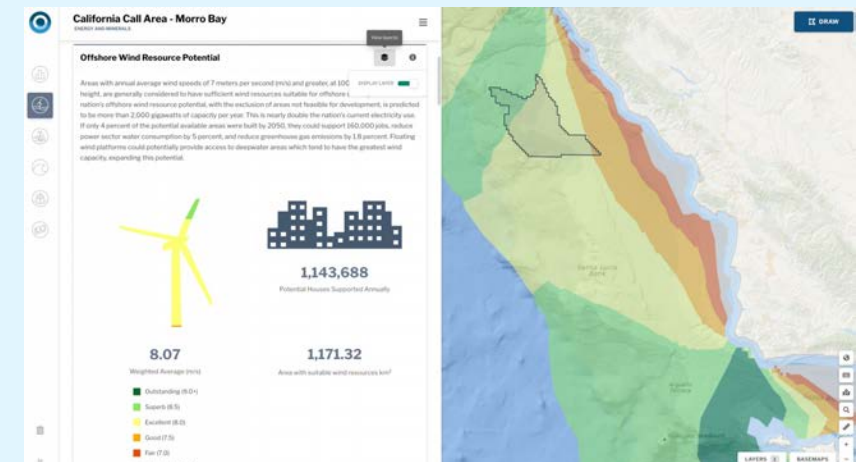
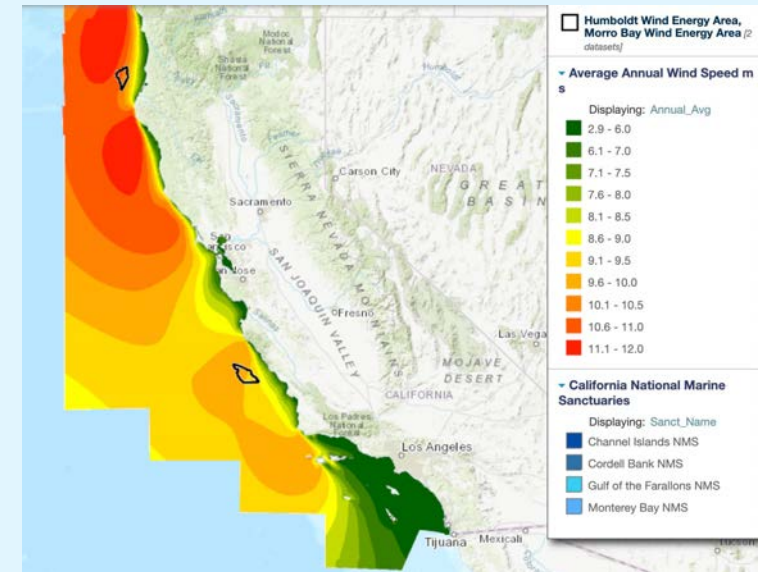
- Download a **report** 
- Watch a **video** 
- Subscribe:
 - **Text** 
 - **Email** (newsletter) 
 - **Twitter** account 

Session 1: Input Tools



Portals:

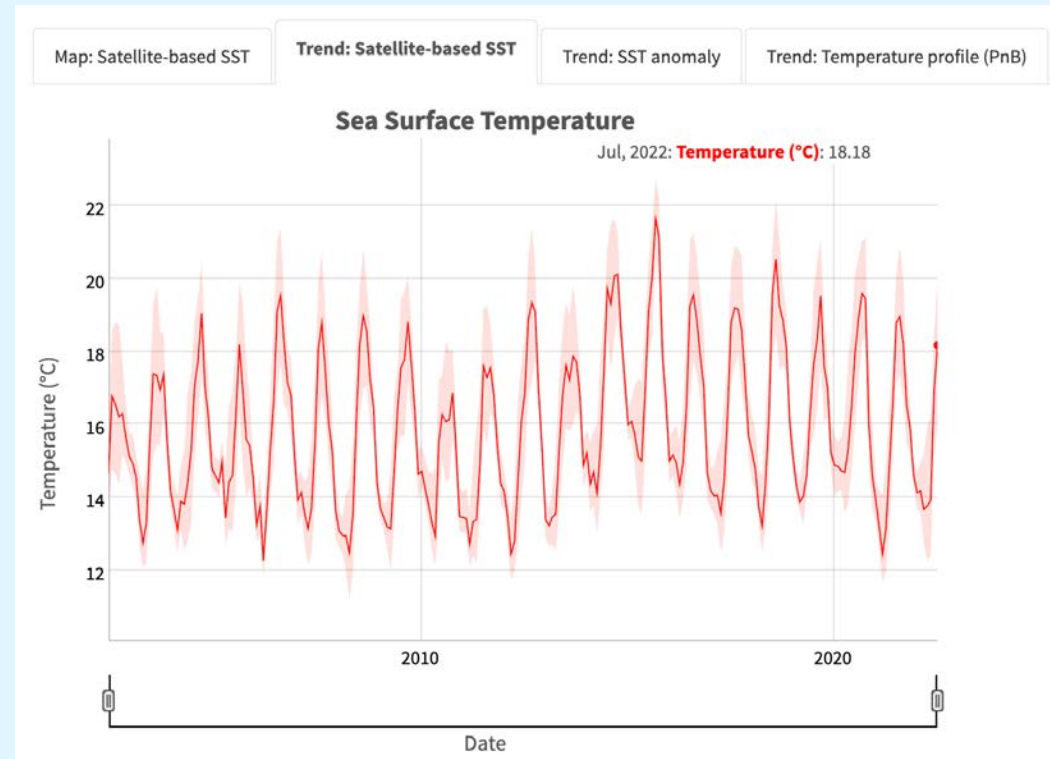
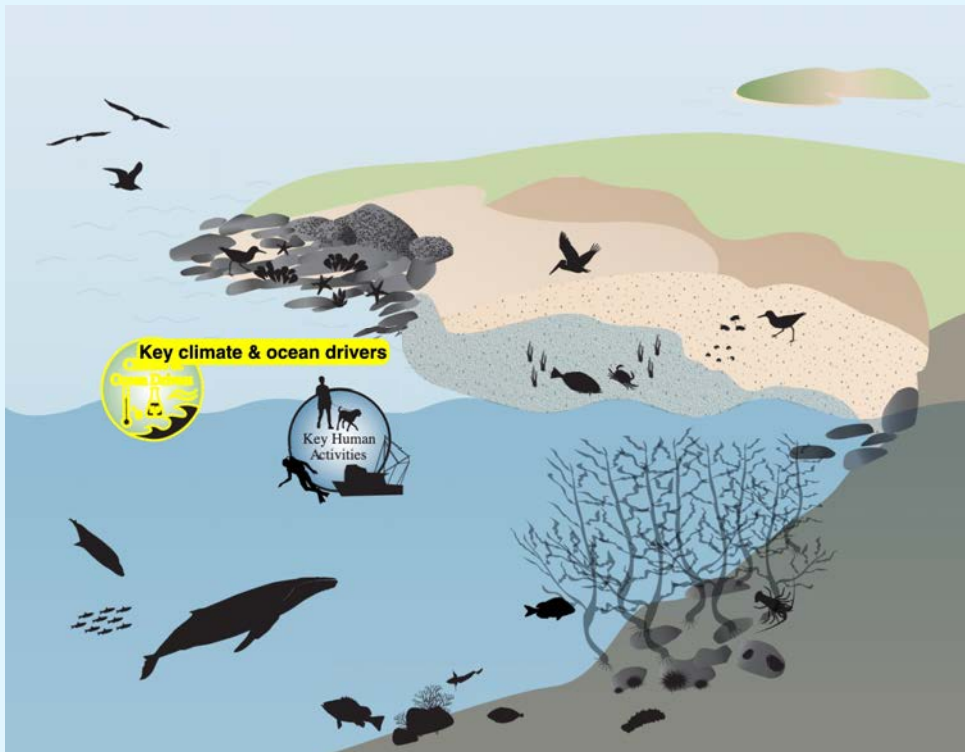
- caoffshorewind.databasin.org
- marinecadastre.gov/oceanreports



Session 1: Input Tools



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



Session 1: Input



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

1 + infographics BB

icons and info for
Chumash natural
heritage?

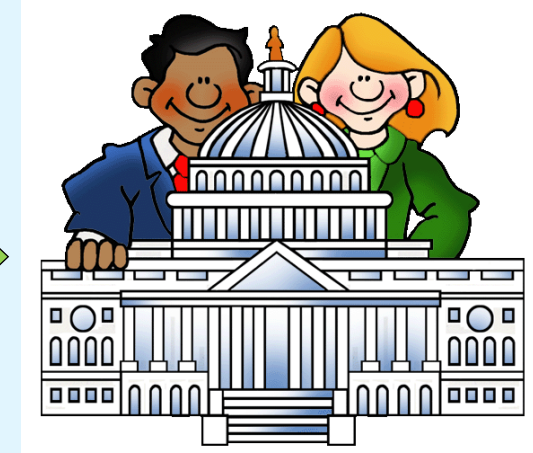
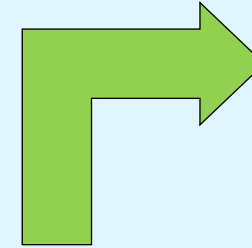
2 - report BB

too dense with
scientific language

10 min Break



Session 2: Output



Facilitate communication of community concerns and priorities

What are your biggest concerns with offshore wind development?

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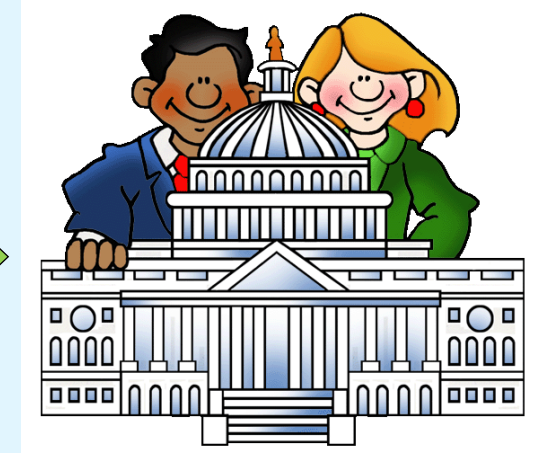
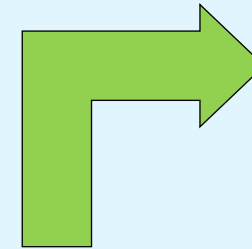
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What are the biggest benefits to you as the result of offshore wind development?

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Session 2: Output Tools



Facilitate communication of community concerns and priorities

Session 2: Output Tools



What tools would you like to communicate out your concerns?

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

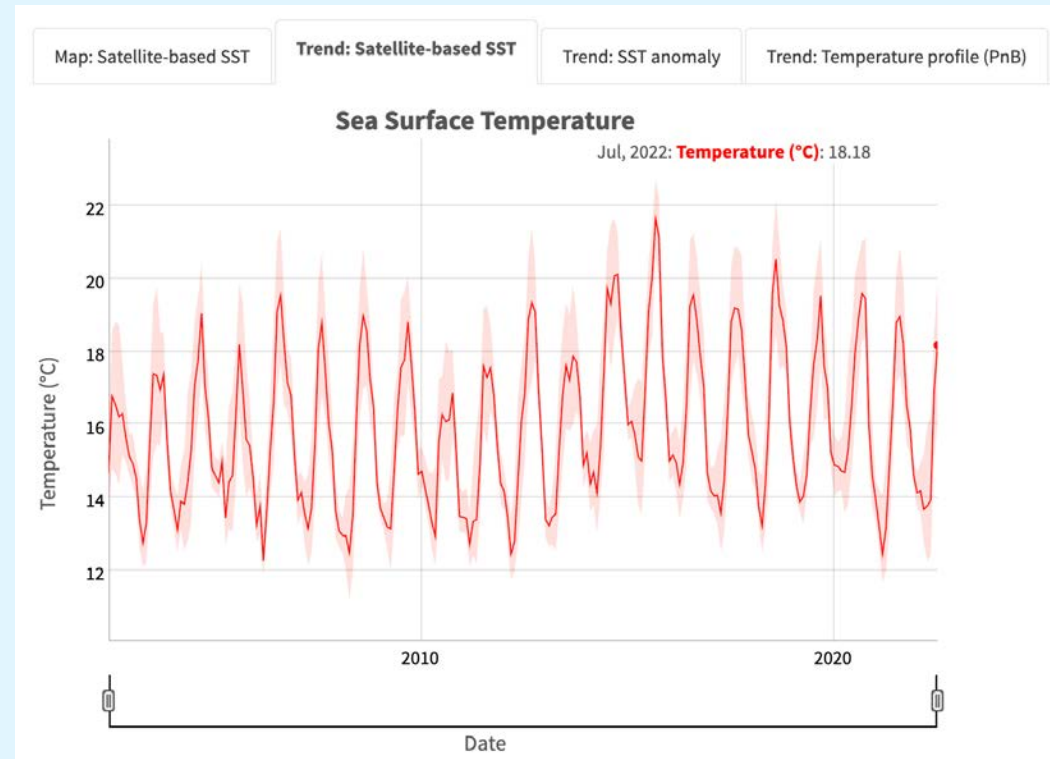
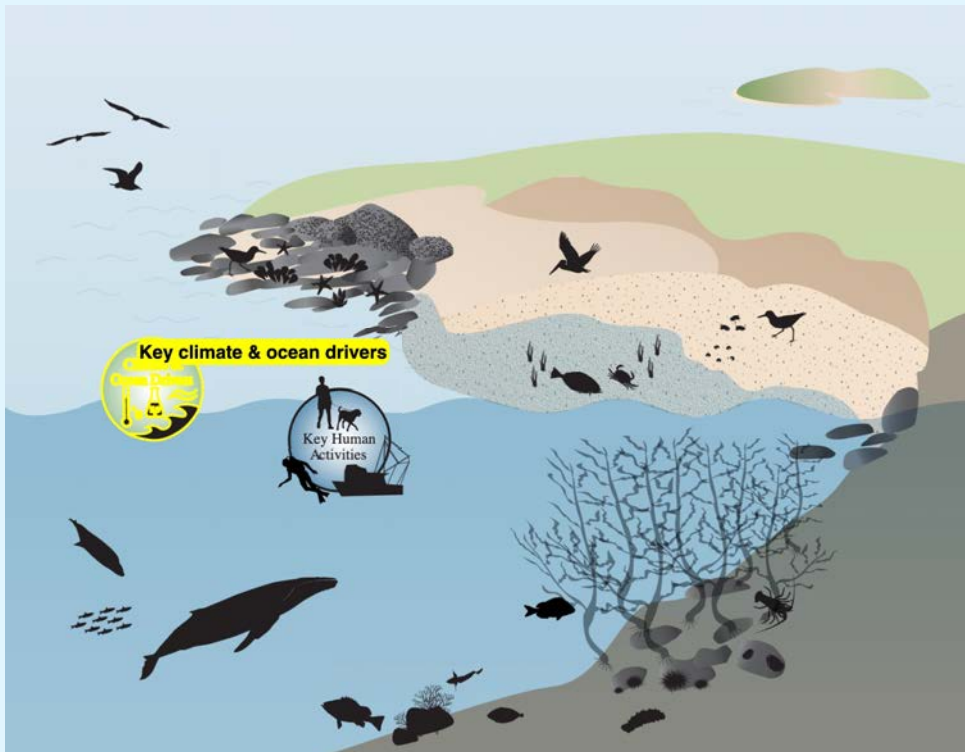


- What *features* would be most useful?
- What *platform* (phone, computer, kiosk) would you be most likely to use?
- Would you *recommend* this type of tool to others and why?

Session 2: Output Tools



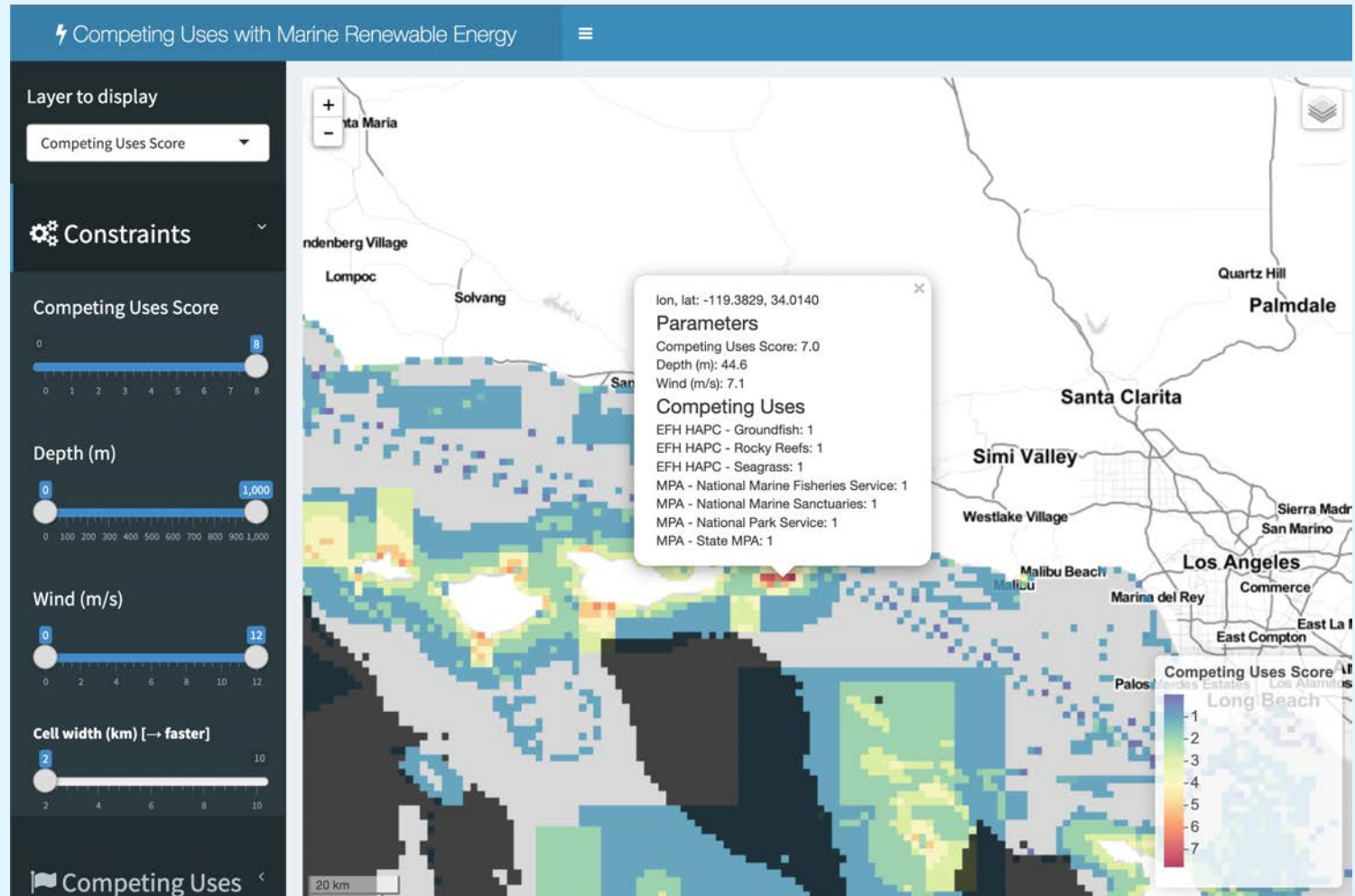
- **Infographics**: clickable icons to (place-based) info
example: sanctuarywatch.ioos.us/webcr-channelislands



Session 2: Output Tools



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

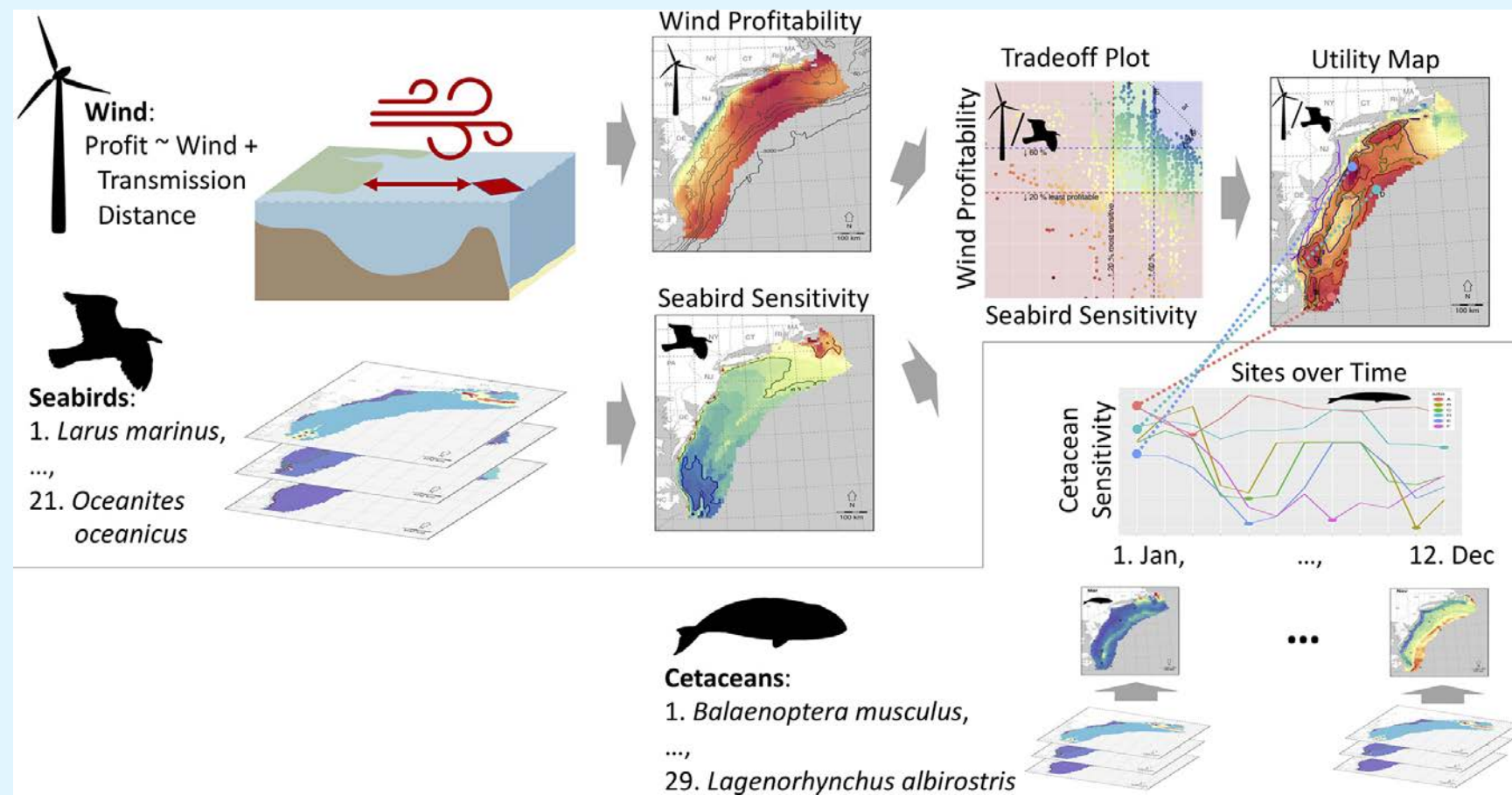


ecoquants.shinyapps.io/nrel-uses

Session 2: Output Tools



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



shiny.marinebon.app/siting

Session 2: Output Tools



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1 + infographics BB

icons and info for
Chumash natural
heritage?

2 - tradeoff app BB

too complex to
easily understand

THANK YOU!!

We welcome your feedback.

forms.gle/Sf1QAnAaUBPyZZBA

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