# IDENTIFYING PATHWAYS TO DISTRIBUTIVE EQUITY IN MPA MANAGEMENT IN A CHANGING CLIMATE ***Community Leader representing knowledge about their community***

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# Permissions *See Intro and Information on Previous Page*

Would you like to participate in this research project?

* Yes
* No

Do I have your permission to record our conversation?

* Yes - audio and video
* Yes - audio only
* No - no recordings

# Intro

Thank you so much for agreeing to participate in this interview. I’m going to start by asking you a few questions about

a) [your organization] and the community it serves,

b) connections of your community to the ocean, and their access to the ocean,

c) your community’s experience with climate and marine protected areas (MPAs).

I’ll end by asking you brief demographic questions that are important for the study.

# Organization and Community

1. What is the name of your organization and what does it focus on?
2. How would you describe the community that [your organization] works with?

# Ocean Connections, Access, and Places

1. Do you think that the ocean benefits people in your community?
   1. If yes, in what ways? *(e.g. maintaining cultural and local knowledge, health benefits, food security, entertainment, etc).*
   2. If no, why not? *(e.g., lack of interest)*
2. Do people in your community spend time near the ocean, or participating in ocean related activities?
   1. If yes, could you describe what types of activities they are involved with?
   2. If no, what are examples of barriers that prevent this?
3. For people in your community that do spend time by the ocean, could you describe what types of coastal or ocean places they visit? Is there infrastructure that does or could support their access?

*e.g., beaches, piers, marinas, boat ramps, clean bathrooms, tidepools, etc.*

1. For your community, are there places in the ocean or on coasts that are important? If so, could you please describe the places and why they are important?

*e.g., particular attributes? cultural significance?*

1. For your community, what do you think are barriers or opportunities that influence how people use or connect to the ocean?

*e.g., transit, parking, cost, infrastructure, feeling welcome, knowing how to swim, owning bathing suit, owning or being able to rent gear, weather, safety*

1. Do you have a sense of how many people in your community know how to swim?
2. Do people in your community feel a sense of responsibility for the ocean? If yes, how do you think this influences them?
3. Do people in your community see the ocean, or the plants and animals that live in the ocean, as something that they are connected to or that they relate to?
   1. If yes, could you describe these connections?
   2. Are there any species that are particularly important or that people feel strongly connected to?
   3. Are there any traditional ocean practices or patterns of use associated with particular demographics?
4. Among community members, which groups/people have the strongest or closest relationship with the ocean and/which have the weakest or most distant? Why do you think this is?
5. How would you rate the health *(e.g., cleanliness, level of pollution, number and diversity of marine species)* of ocean spaces proximate to your community? How do you think this impacts the way which individuals in your community use or do not use the ocean?
6. Are you aware of any clubs, groups, or organizations (whether formal or informal) primarily dedicated to ocean uses that are either based in your community or have a substantial number of community members as participants?

# Climate

1. On a scale of 1-5 where 1 is not at all familiar and 5 is extremely familiar, how familiar are you with climate change?

* 1. Not at all familiar
* 2. Slightly familiar
* 3. Moderately familiar
* 4. Very familiar
* 5. Extremely familiar

1. What are your community’s biggest concerns about how climate change impacts your local coast? Are these concerns based on experience, concerns about the future, or both?
2. Does your community discuss the current or future effects of climate change on the ocean, or generally?
3. For the community you work in, what would you consider to be the primary sources of information about climate change?
4. Many things are impacting communities, including climate, political, and socioeconomic change. For your community, how would you rank the impacts of climate change compared to other drivers of change?

# MPAs

1. On a scale of 1-5 where 1 is not at all familiar and 5 is extremely familiar, how familiar are you with state marine protected areas (MPAs)?

* 1. Not at all familiar (never heard of)
* 2. Slightly familiar
* 3. Familiar
* 4. Very familiar
* 5. Extremely familiar

1. On a scale of 1-5 where 1 is not at all familiar and 5 is extremely familiar, how familiar are you with National Marine Sanctuaries?

* 1. Not at all familiar (never heard of)
* 2. Slightly familiar
* 3. Familiar
* 4. Very familiar
* 5. Extremely familiar

1. On a scale of 1-5 where 1 is no one and 5 is everyone, how many people in your community are aware of state and federal MPAs in California? [*mark if answer is generic or specific to the two systems*] Why?

State

* 1. No one
* 2. Very few people
* 3. Some people
* 4. Most people
* 5. Everyone
* I don’t know

Federal

* 1. No one
* 2. Very few people
* 3. Some people
* 4. Most people
* 5. Everyone
* I don’t know

1. If your community is aware of these MPAs, have they been influenced by MPAs?
   1. Are there specific MPAs that have had the largest influence on your community?
2. Does your community believe your local MPAs are helping to help reduce climate impacts? If so, how?

# Wrap up

1. What are some of the most important solutions to climate impacts to your local oceans and/or MPAs?
2. In an ideal future, how do you envision the relationship between your community, the ocean and your coasts?
   1. What efforts are most necessary for this future to become a reality?
   2. Who can or should undertake this work?
3. Are you optimistic or pessimistic about the direction in which things are currently heading (for oceans)?
4. Do you have any additional comments or concerns about these topics that you would like to communicate? Is there anything important that we should know about?

# 

# Demographic Questions

1. Do you know how to swim?

* Yes
* No

1. What is your race or ethnicity?   
   **Mark ALL that apply.   
   Note, you may report more than one group.**

▢ Black - Print, for example, African American, Jamaican \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

▢ White - Print for example, German, Irish \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

▢ Hispanic, Latino, or Spanish - Print, for example, Mexican, Colombian

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

▢ American Indian or Alaska Native - Print name of enrolled or principal tribe(s) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

▢ Asian - Print, for example, Chinese, Filipino \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

▢ Native Hawaiian or Other Pacific Islander - Print, for example, Native Hawaiian, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

▢ Middle Eastern or North African - Print, for example, Lebanese, Iranian

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

▢ Some other race or ethnicity - Print race, ethnicity or origin \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Are you: [Mark all that apply]?

▢ Female

▢ Male

▢ Transgender, non-binary, or another gender

1. What is your year of birth? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. What is the zip code or country of your primary residence? \_\_\_\_\_\_\_\_\_\_\_\_
3. How long have you lived in that region/country? \_\_\_\_\_\_\_\_\_\_\_\_years
4. What was your annual household income (before taxes) in 2022?

▢ Less than $49,999

▢ $50,000 to $79,000

▢ $80,000 to $109,999

▢ $110,000 or more

▢ Prefer not to say

1. What is your preferred language for speaking:

▢ English

▢ Spanish

▢ Tagalog (or other Filipino language)

▢ Vietnamese

▢ Chinese

▢ Korean

▢ Other (please specify)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. What is the highest level of education you have completed? (check one)

▢ No schooling completed

▢ Nursery school and/or kindergarten

▢ Grades 1 through 11

▢ 12th grade - no diploma

▢ Regular high school diploma

▢ GED or alternative credit

▢ Less that 1 year of college, no degree

▢ 1 or more years of college credit, no degree

▢ Associates degree (for example: AA, AS)

▢ Bachelor’s degree (for example: BA, BS)

▢ Masters degree (for example: MA, MS, MEng, MEd, MSW, MBA)

▢ Vocational degree (for example: electrician, pharmacy technician)

▢ A degree beyond a master’s degree (for example: MD, DDS, DVM, LLB, JD, or PhD)