OMB SUBMISSION

NOAA Coral Reef Conservation Program

National Coral Reef Monitoring Program (NCRMP)

Resident Coral Reef Survey

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\*\*CORE MODULE\*\*

Hello, My name is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ We are only interested in obtaining your opinions on some important issues related to coral reefs and the environment in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Your participation is voluntary and will be kept strictly confidential. Notwithstanding any other provisions of the law, no person is required to respond to, nor shall any person be subjected to a penalty for failure to comply with, a collection of information subject to the requirements of the Paperwork Reduction Act, unless that collection of information displays a currently valid OMB Control Number.

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**Highlighted question numbers reflect those in the question bank.**

**PARTICIPATION IN REEF ACTIVITIES**

1. How often do you usually participate in each of the following activities? [Q14]

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Never | Once a month or less | 2-3 times a month | 4 times a month or more | No Answer |
| Swimming/wading |  |  |  |  |  |
| Snorkeling |  |  |  |  |  |
| Diving (SCUBA or free diving) |  |  |  |  |  |
| Waterside/ beach camping |  |  |  |  |  |
| Beach recreation (beach sports, picnics) |  |  |  |  |  |
| Boating |  |  |  |  |  |
| Fishing |  |  |  |  |  |
| Gathering of marine resources (lobsters, conch, seaweed, examples) |  |  |  |  |  |

***SKIP PATTERN-- If respondent answers ‘never’ to fishing and gathering of marine resources, then skip to #3:***

**CORAL REEF RELIANCE / CULTURAL IMPORTANCE OF REEFS**

1. How often do you fish or harvest marine resources for each of the following reasons? [Q112]

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Frequently | Sometimes | Rarely | Never | No Response |
| To feed myself and my family/ household |  |  |  |  |  |
| To sell |  |  |  |  |  |
| To give to extended family members and/or friends |  |  |  |  |  |
| For fun |  |  |  |  |  |
| For special occasions and cultural events |  |  |  |  |  |

1. How often do you or your family eat fish/seafood? [Guam survey]

a. Every day

b. A few times a week

c. About once a week

d. 1-3 times a month

e. Less than once a month

f. Never

***SKIP PATTERN -- If respondent answers ‘never’ then skip to question #5***

1. Where do you get the fish or seafood your family eats? [Guam Survey]
2. Purchased by myself or someone in my household at a store or restaurant
3. Purchased by myself or someone in my household at a market or roadside vendor
4. Caught by myself or someone in my household
5. Caught by extended family members
6. Other, please specify \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**PERCEIVED RESOURCE CONDITION**

1. In your opinion, how are [jurisdiction’s] marine resources currently doing? Please rank from very bad to very good. [Q50]

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Very Bad | Bad | Neither Bad nor Good | Good | Very Good | Don’t Know |
| Ocean Water Quality (clean and clear) |  |  |  |  |  |  |
| Amount of Coral |  |  |  |  |  |  |
| Number of Fish |  |  |  |  |  |  |

1. How would you say the condition of each of the following has changed over the last 10 years: from 1=it has gotten a lot worse to 5=it has gotten a lot better. [Q53]

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | A lot Worse | Somewhat Worse | No Change | Somewhat Better | A lot Better | Not Sure |
| Ocean Water Quality (clean and clear) |  |  |  |  |  |  |
| Amount of Coral |  |  |  |  |  |  |
| Number of Fish |  |  |  |  |  |  |

1. In the next 10 years, do you think the condition of the marine resources in [jurisdiction] will get worse, stay the same or improve? [Guam Survey]
2. Get worse
3. Stay the same
4. Improve
5. Not sure

**AWARENESS AND KNOWLEDGE OF CORAL REEFS – Threats including climate change**

1. Please say whether you disagree or agree with each of the following statements. [Q7, Guam Survey]

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Strongly Disagree | Disagree | Neither | Agree | Strongly Agree | Not Sure |
| Coral reefs protect the [jurisdiction] from erosion and natural disasters. |  |  |  |  |  |  |
| Coral reefs are only important to fishermen, divers and snorkelers. |  |  |  |  |  |  |
| Healthy coral reefs attract tourists to [jurisdiction]. |  |  |  |  |  |  |
| Coral reefs are important to [jurisdiction] culture. |  |  |  |  |  |  |

1. How familiar are you with each of the following potential threats facing the coral reefs in <location>? [Q31]

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Very Unfamiliar | Unfamiliar | Neither Familiar nor Unfamiliar | Familiar | Very Familiar | Not sure |
| Climate change |  |  |  |  |  |  |
| Coral bleaching |  |  |  |  |  |  |
| Hurricanes and other natural disasters |  |  |  |  |  |  |
| Pollution (stormwater, wastewater, chemical runoff and trash/littering) |  |  |  |  |  |  |
| Coastal/urban development |  |  |  |  |  |  |
| Invasive species |  |  |  |  |  |  |
| Too much fishing and gathering |  |  |  |  |  |  |
| Damage from ships and boats |  |  |  |  |  |  |

1. Do you believe that the threats to coral reefs in <location> are: [MODIFIED Q29]
2. Extreme
3. Large
4. Moderate
5. Minimal
6. None
7. Not sure

**ATTITUDES TOWARDS CORAL REEF MANAGEMENT STRATEGIES AND ENFORCEMENT**

1. A Marine Protected Area is an area of the ocean where human activity is typically restricted to protect living, non-living, cultural, and/or historic resources. How familiar are you with Marine Protected Areas (MPAs)? [Q36]
2. Very Unfamiliar
3. Unfamiliar
4. Neither Unfamiliar nor Familiar
5. Familiar
6. Very Familiar
7. Not sure

***SKIP PATTERN-- If respondent answers ‘Very unfamiliar’ or ‘Unfamiliar’, then skip to #12:***

1. Please indicate how much you disagree or agree with each of the following statements. [MODIFIED Q44]

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Strongly Disagree | Disagree | Neither Agree nor Disagree | Agree | Strongly Agree | Not Sure |
| MPAs protect coral reefs |  |  |  |  |  |  |
| MPAs increase the number of fish |  |  |  |  |  |  |
| There should be fewer MPAs in [jurisdiction] |  |  |  |  |  |  |
| There should be more MPAs in [jurisdiction] |  |  |  |  |  |  |
| There has been economic benefit to [jurisdiction] from the establishment of MPAs |  |  |  |  |  |  |
| Fishermen’s livelihoods have been negatively impacted from the establishment of MPAs in [jurisdiction] |  |  |  |  |  |  |
| MPAs help increase tourism in [jurisdiction] |  |  |  |  |  |  |
| The establishment of MPAs increases the likelihood that people will vacation in [jurisdiction] |  |  |  |  |  |  |
| I would support adding new MPAs in [jurisdiction] if there is evidence that the ones we have are improving [jurisdiction’s] marine resources |  |  |  |  |  |  |
| I generally support the establishment of MPAs |  |  |  |  |  |  |

1. The following are proposed or existing management strategies used to manage the marine environment and specifically, to improve the protection of coral reefs in <location>. Please rate whether you oppose or support each regulation. [Q103]

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Strongly Oppose | Oppose | Neither Support nor Oppose | Support | Strongly Support | Don’t Know |
| Increased enforcement of existing rules/regulations |  |  |  |  |  |  |
| Limits per person for certain fish species (size and amount) |  |  |  |  |  |  |
| Stricter control of sources of pollution to preserve water quality |  |  |  |  |  |  |
| More restrictions on construction practices to prevent sediment going to sea |  |  |  |  |  |  |
| Limits on recreational use |  |  |  |  |  |  |

**PARTICIPATION IN BEHAVIORS THAT MAY IMPROVE CORAL HEALTH**

1. How often do you participate in any activity to protect the environment (for example, beach clean ups, volunteering with an environmental group, recycling)? [MODIFIED Q89]
2. Not At All
3. Once a year or Less
4. Several times a year
5. At least once a month
6. Several Times a Month or more
7. Not Sure
8. Which of the following would you consider to be your top 3 sources of information about coral reefs and the environment in [jurisdiction]? [Q105]

***Interviewer checks the top 3 sources of information.***

1. To what degree do you trust each of your top rated sources of information to provide you the most accurate information on coral reefs and coral reef related topics in [jurisdiction]? [Q109]

***Respondent rates only the top 3 sources of information.***

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Top 3 | Sources | Very untrustworthy | Untrustworthy | Neither Trustworthy nor Untrustworthy | Trustworthy | Very Trustworthy | Very Trustworthy |
|  | **Newspapers, other print publications** |  |  |  |  |  |  |
|  | **Radio** |  |  |  |  |  |  |
|  | **TV** |  |  |  |  |  |  |
|  | **Internet** |  |  |  |  |  |  |
|  | **Friends and family** |  |  |  |  |  |  |
|  | **Community leaders** |  |  |  |  |  |  |
|  | **Government (jurisdictional)** |  |  |  |  |  |  |
|  | **Federal government agencies (NOAA, EPA)** |  |  |  |  |  |  |
|  | **Non-profit organizations** |  |  |  |  |  |  |
|  | **Other** |  |  |  |  |  |  |

1. How involved is the local community in protecting and managing coral reefs? [Q97]
2. Not at all involved
3. Somewhat involved
4. Moderately involved
5. Involved
6. Very involved
7. Not sure
8. How involved are you in making decisions related to the management of coral reefs in [jurisdiction]? [Q90]
9. Not at all involved
10. Slightly involved
11. Moderately involved
12. Involved
13. Very involved
14. Not sure

**DEMOGRAPHICS**

**I just have a few more questions that will help us to interpret our results. As a reminder, the information you provide is completely confidential.**

1. Are you male or female? [Q122]
2. Male
3. Female
4. What is your year of birth? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ [Q121]
5. How long have you lived in [jurisdiction]? [Q129]
6. 1 year or less
7. 2-5 years
8. 6-10 years
9. more than 10 years
10. all my life
11. Including your primary language, please name each language you speak. [Q133] [***interviewer should not read options below, but should allow respondent to answer***]
    1. English
    2. Spanish
    3. French
    4. German
    5. Italian
    6. Portuguese
    7. Arabic
    8. Chinese
    9. Japanese
    10. Korean
    11. Tagolog
    12. Hindi
    13. Hawaiian
    14. Hawaii Pidgin English
    15. Sāmoan
    16. Chamorro
    17. Carolinian
    18. Creole
    19. Crucian
    20. Tongan
    21. Other: Please list \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
    22. No Response
12. What race/ethnicity do you consider yourself? [Q131]
    1. American Indian or Alaskan Native
    2. Asian
    3. Black or African American
    4. Puerto Rican
    5. Carolinian
    6. Chamorro
    7. Chinese
    8. Cuban
    9. Filipino
    10. Japanese
    11. White
    12. Korean
    13. Mexican
    14. Native Hawaiian or other Pacific Islander
    15. Samoan
    16. Taino
    17. Thai
    18. Tongan
    19. Vietnamese
    20. Other/Mixed
    21. No response
    22. Hispanic or Latino
13. What is the highest level of education you have completed? [Q123]
14. 8th Grade or Less
15. Some high school
16. High School Graduate, GED
17. Some college, community college or AA
18. College Graduate
19. Graduate School, Law School, Medical School
20. No Response
21. What is your current employment status? [Q124]
22. Unemployed
23. Student
24. Employed full-time
25. Homemaker
26. Employed part-time
27. Retired
28. None of the above: Please specify \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
29. No Response
30. What is your occupation? [***Open Ended***] [Q125]\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
31. May I ask, what is your annual household income? [Q127]
32. Under $10,000
33. $10,000-19,999
34. $20,000-29,999
35. $30,000-39,999
36. $40,000-49,999
37. $50,000-59,999
38. $60,000-74,999
39. $75,000-99,999
40. $100,000-149,999
41. $150,000 or More
42. No Response