OMB SUBMISSION

NOAA Coral Reef Conservation Program

National Coral Reef Monitoring Program (NCRMP)

Resident Coral Reef Survey

OMB Control Number 0648-0646

\*\*CORE MODULE\*\*

**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 regulations intended to improve the protection of coral reefs in <location>. Please rate whether you oppose or support each regulation. [Q103]

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Rules/Regulations | 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

1. 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

21. Other/Mixed

22. No response

23. Hispanic or Latino

1. What is the highest level of education you have completed? [Q123]
2. 8th Grade or Less
3. Some high school
4. High School Graduate, GED
5. Some college, community college or AA
6. College Graduate
7. Graduate School, Law School, Medical School
8. No Response
9. What is your current employment status? [Q124]
10. Unemployed
11. Student
12. Employed full-time
13. Homemaker
14. Employed part-time
15. Retired
16. None of the above: Please specify \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
17. No Response
18. What is your occupation? [***Open Ended***] [Q125]

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

1. May I ask, what is your annual household income? [Q127]
2. Under $10,000
3. $10,000-19,999
4. $20,000-29,999
5. $30,000-39,999
6. $40,000-49,999
7. $50,000-59,999
8. $60,000-74,999
9. $75,000-99,999
10. $100,000-149,999
11. $150,000 or More
12. No Response