

# SURVEY FOR COASTAL & OCEAN GEORGIA AND GRAY'S REEF NATIONAL MARINE SANCTUARY

Managers of Gray's Reef National Marine Sanctuary (GRNMS) would like to know how you feel about ocean and coastal resources management off the Georgia coast and in GRNMS. More specifically, GRNMS managers would like to know about your uses of these ocean and coastal resources and your opinions about different management strategies and regulations. This survey is intended for **those who visit or use** Gray's Reef National Marine Sanctuary (GRNMS).

For statistical sampling purposes, we need **a person in the household who is 18 years of age or older to fill out the questionnaire.**

Your participation is voluntary. Any information that identifies you (name, address and telephone number) will be destroyed at the end of the information collection. Only statistical summaries of information across all survey respondents will be released publicly or made available to GRNMS managers. Results of this survey will be posted on the Office of National Marine Sanctuaries web site.

Should you have any questions, please feel free to contact me.

To be determined  
GRNMS Survey Technician  
Telephone (To be determined)  
e-mail (To be determined)

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*Public reporting burden for this collection of information is estimated to average about one half hour per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing burden, to Dr. Vernon R. (Bob) Leeworthy, Chief Economist, National Ocean Service, Office of National Marine Sanctuaries, 1305 East West Highway, SSMC 4, 11th floor, Silver Spring, MD 20910. (Reference OMB Control Number 0648-0625, Expiration Date: .)*

*Notwithstanding any other provision of the law, no person is required to respond to, nor shall any person be subject to a penalty for failure to comply with, a collection of information subject to the requirements of the Paperwork Reduction Act, unless the collection of information displays a currently valid OMB Control Number.*



# SECTION 1

## Attitudes About GRNMS Current Management Strategies and Regulations

In this section, we want to know what you think about the current management strategies and regulations of the GRNMS and how GRNMS management has performed.

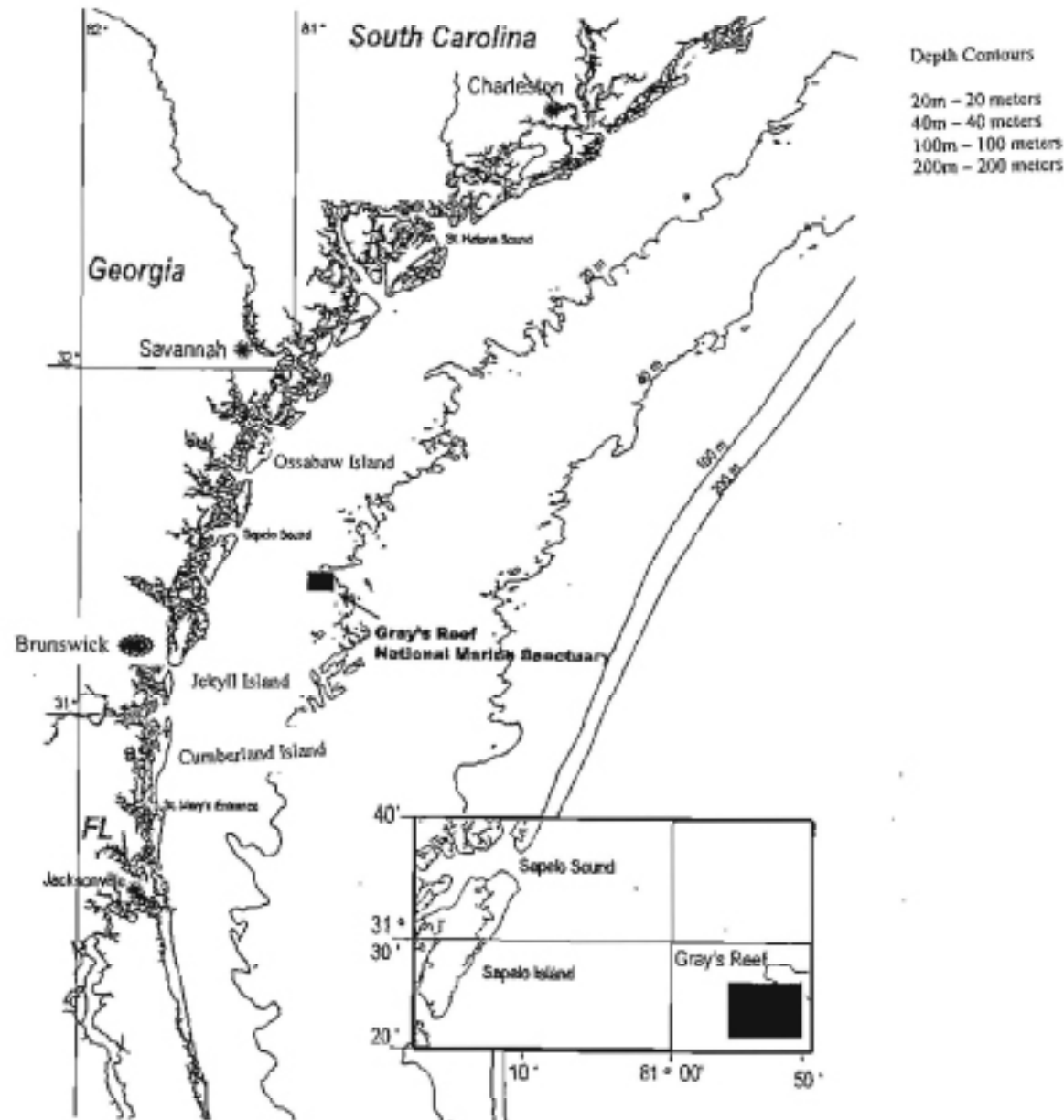
For the next set of questions/statements, please provide your answer to a 1 to 5 scale, where 1 means Strongly agree, 2 means Moderately agree, 3 means Neutral, 4 means Moderately disagree, and 5 means Strongly disagree.

Please circle the appropriate number of each question/statement. If Don't Know, circle DK.

	Strongly Agree	Moderately Agree	Neutral	Moderately Disagree	Strongly Disagree	Don't Know
1. I support the GRNMS as it is currently established	1	2	3	4	5	DK
2. I support the no anchoring regulation	1	2	3	4	5	DK
3. I support the prohibition on disturbing the sea bed including all mining and oil & gas activities	1	2	3	4	5	DK
4. I support the prohibition of commercial fishing use of wire fishing traps	1	2	3	4	5	DK
5. I support the prohibition commercial fishing using bottom trawls	1	2	3	4	5	DK
6. I support the prohibition on the damage or removal of bottom formations	1	2	3	4	5	DK
7. I support the prohibition on the use of explosives	1	2	3	4	5	DK
8. I support the prohibition on the discharge of pollutants in GRNMS waters	1	2	3	4	5	DK
9. I support the prohibition on spear fishing	1	2	3	4	5	DK
10. The process that GRNMS used to develop its rules and regulations was open and fair to all groups	1	2	3	4	5	DK
11. It has mattered whether the average person participated in the workshops and meeting of GRNMS because the average person could influence final decisions	1	2	3	4	5	DK
12. GRNMS has addressed the concerns of other federal and state governments in developing its rules and regulations	1	2	3	4	5	DK
13. GRNMS has not addressed the concerns of individual citizens in developing its rules and regulations	1	2	3	4	5	DK
14. Once that the GRNMS regulations have been in effect, there has been no way that the average person to voice his/her opinion on the usefulness of the regulations	1	2	3	4	5	DK

**Definition.** Ocean areas include the Atlantic Ocean and coastal areas include inland bays, estuaries and tidally influenced portions of rivers where fresh and saltwater mix.

Map of Coastal & Ocean Georgia and GRNMS



- Grays Reef National Marine Sanctuary (GRNMS) is located 16 miles offshore of Sapelo Island, Georgia.
- GRNMS is 22-square miles and contains rocky ledges and sandy flats.
- GRNMS is a popular recreational fishing site with some diving.
- No commercial fishing currently takes place in GRNMS, but it is not prohibited.

Please circle the appropriate number of each question/statement. If Don't Know, circle DK.

	Strongly Agree	Moderately Agree	Neutral	Moderately Disagree	Strongly Disagree	Don't Know
15. The procedures that GRNMS has established to deal with violations of its regulations has been fair and just	1	2	3	4	5	DK
16. GRNMS does a good job of enforcing its regulations	1	2	3	4	5	DK
17. GRNMS does a good job of educating the public about its rules and regulations	1	2	3	4	5	DK

## SECTION 2

### Sources of Information on Ocean & Coastal Resources and GRNMS

In this section, we want to learn what are the best ways GRNMS can communicate with you by understanding the sources of information which you use, and which sources of information you trust.

18. Sources of Information Used (Please check all sources you use).

- a.  Gray's Reef National Marine Sanctuary Advisory Council
- b.  Gray's Reef National Marine Sanctuary Staff
- c.  Gray's Reef National Marine Sanctuary Web site
- d.  Gray's Reef National Marine Sanctuary Foundation
- e.  NOAA's National Marine Fisheries Service
- f.  Atlantic States Marine Fisheries Commission
- g.  South Atlantic Fishery Management Council
- h.  Georgia Department of Natural Resources
- i.  Georgia Sea Grant
- j.  Coastal Conservation Association (CCA) of Georgia
- k.  Recreational Fishing Alliance (RFA)
- l.  American Sportfishing Association (ASA)
- m.  National Coalition for Marine Conservation
- n.  International Game and Fish Association (IGFA)
- o.  Southern Kingfish Association (SKA)
- p.  Fishing Magazines/Newsletters
- q.  SCUBA diving magazines/Newsletters
- r.  Newspapers
- s.  Radio
- t.  Television
- u.  Internet
- v.  Gray's Reef National Marine Sanctuary Facebook Page
- w.  Gray's Reef National Marine Sanctuary Twitter Feed
- x.  Other Social Media (You Tube, Flickr, Instagram, etc.)
- y.  Word of Mouth
- z.  Others (please specify, include people like a marina manager, other anglers or divers, local community leader, family member, friend, etc.) \_\_\_\_\_

19. For the sources of information you said you used in question 18, on a scale of 1 to 5, where 1 means No Trust at All and 5 means Completely Trust, to what extent do you trust each source of information?

Please circle your answer.

If the source was not used, circle NA (Not Applicable).

SOURCES	No Trust at All	Very Little Trust	Neutral	Trust Very Much	Completely Trust	NA
a. Gray's Reef National Marine Sanctuary Advisory Council	1	2	3	4	5	NA
b. Gray's Reef National Marine Sanctuary Staff	1	2	3	4	5	NA
c. Gray's Reef National Marine Sanctuary Web site	1	2	3	4	5	NA
d. Gray's Reef National Marine Sanctuary Foundation	1	2	3	4	5	NA
e. NOAA's National Marine Fisheries Service	1	2	3	4	5	NA
f. Atlantic States Marine Fisheries Commission	1	2	3	4	5	NA
g. South Atlantic Fishery Management Council	1	2	3	4	5	NA
h. Georgia Department of Natural Resources	1	2	3	4	5	NA
i. Georgia Sea Grant	1	2	3	4	5	NA
j. Coastal Conservation Association (CCA) of Georgia	1	2	3	4	5	NA
k. Recreational Fishing Alliance (RFA)	1	2	3	4	5	NA
l. American Sportfishing Association (ASA)	1	2	3	4	5	NA
m. National Coalition for Marine Conservation	1	2	3	4	5	NA
n. International Game and Fish Association (IGFA)	1	2	3	4	5	NA
o. Southern Kingfish Association (SKA)	1	2	3	4	5	NA
p. Fishing Magazines/Newsletters	1	2	3	4	5	NA
q. SCUBA diving magazines/Newsletters	1	2	3	4	5	NA
r. Newspapers	1	2	3	4	5	NA
s. Radio	1	2	3	4	5	NA
t. Television	1	2	3	4	5	NA
u. Internet	1	2	3	4	5	NA
v. Gray's Reef National Marine Sanctuary Facebook Page	1	2	3	4	5	NA
w. Gray's Reef National Marine Sanctuary Twitter Feed	1	2	3	4	5	NA
x. Other Social Media (You Tube, Flickr, Instagram, etc.)	1	2	3	4	5	NA
y. Word of Mouth	1	2	3	4	5	NA
z. Others (please specify, include people like a marina manager, other anglers or divers, local community leader, family member, friend, etc.) _____	1	2	3	4	5	NA

**Information From GRNMS**

20. How do you like to receive information? **(Please check all that apply).**

- a.  Web site
- b.  E-mail list serve
- c.  Newsletter by delivered by U.S. Post Office
- d.  Telephone call from Staff
- e.  E-mail from staff
- f.  Social media (Twitter, Facebook, You Tube, etc)

21. To the best of your knowledge please name the agency who sets policy/management for each of the following:

- |   |                |
|---|----------------|
|   | Name of Agency |
| a. For National Marine Sanctuaries                        | _____          |
| b. For Ocean areas of Georgia (Federal waters)            | _____          |
| c. For Coastal areas in and around Georgia (State waters) | _____          |

22. How would you rank your familiarity with the rules and regulations in place at GRNMS?

**(Please check one)**

- Very familiar
- Somewhat Familiar
- I am not familiar with any of the rules or regulations

**SECTION 3**

**Activities in Ocean & Coastal Areas in and Around Georgia**

In this section, we want to learn about your recreation activities in the ocean & coastal areas in and around Georgia.

23. Which activities do you do in ocean & coastal areas both in and around Georgia?

**Please check all that apply.**

ACTIVITY	Georgia
Recreational bottom fishing	<input type="checkbox"/>
Recreational fishing – trolling or drifting in mid or top water	<input type="checkbox"/>
Recreational spear fishing with power heads	<input type="checkbox"/>
Recreational spear fishing without power heads	<input type="checkbox"/>
SCUBA diving (taking things)	<input type="checkbox"/>
SCUBA diving (don't take anything)	<input type="checkbox"/>
Whale watching of other wildlife viewing activities	<input type="checkbox"/>
Sailing	<input type="checkbox"/>
Beach Activities	<input type="checkbox"/>
Surfing	<input type="checkbox"/>
Windsurfing or Kite boarding	<input type="checkbox"/>
Personal Watercraft Use (jet skis, wave runners, etc.)	<input type="checkbox"/>
Shorebird Watching	<input type="checkbox"/>
Kayaking	<input type="checkbox"/>
Paddle boarding	<input type="checkbox"/>

24. For those activities you did in 2010, please provide how many days you did the activity in Georgia?

**Count any part of a day as a whole day.**

ACTIVITY	Days In Georgia
Recreational bottom fishing	_____
Recreational fishing – trolling or drifting in mid or top water	_____
Recreational spear fishing with power heads	_____
Recreational spear fishing without power heads	_____
SCUBA diving (taking things)	_____
SCUBA diving (don't take anything)	_____
Whale watching of other wildlife viewing activities	_____
Kayaking	_____
Paddle boarding	_____



## SECTION 4

### Information About Yourself

In this last section, we need information about you to help classify and analyze your responses to ensure the scientific validity of this information. Any information that can connect this information with you personally will be protected and not given out to anyone.

25.  Male  Female

26. Year born \_\_\_\_\_

27. Are you Hispanic or Latino?  Yes  No

28. What is your race? **(Check one or more)**

- White
- Black or African American
- American Indian or Alaskan Native
- Asian
- Native Hawaiian or Other Pacific Islander

29. How many people age 18 or older live in your household? \_\_\_\_\_ (number of people)

30. How many people under age 18 live in your household? \_\_\_\_\_ (number in household)

31. What type below best describes your household? **(Check one)**

- Single adult with no children 18 or under
- Single adult with children under 18
- Two adults with no children 18 or under
- Two adults with children under 18
- More than two adults with no children under 18
- More than two adults with children 18 or under

32. What is the highest level of education completed? **(Check one)**

- 8<sup>th</sup> grade or less
- 9<sup>th</sup> – 12<sup>th</sup> grade, no diploma
- 12<sup>th</sup> grade High School Grad or equivalent (GED or alternative credential)
- Some College, 1 or more years, no degree
- Associate's degree (for example: AA, AS)
- Bachelor's degree (for example: BA, BS)
- Master's degree (for example: MA, MS, MEng, Med, MSW, MBA)
- Professional School degree (for example: MD, DDS, DVM, LLB, JD)
- Doctor's degree (for example: PhD, EdD)

33. What is your employment status? **(Check all that apply)**

- unemployed
- employed full time
- employed part time
- retired
- student
- homemaker
- none of the above

34. Which category below best describes your annual household income before taxes in 2010?

**(Check one)**

- |   |   |
|---|---|
| <input type="checkbox"/> Less than \$5,000    | <input type="checkbox"/> \$40,000 to \$44,999   |
| <input type="checkbox"/> \$5,000 to \$9,999   | <input type="checkbox"/> \$45,000 to \$49,999   |
| <input type="checkbox"/> \$10,000 to \$14,999 | <input type="checkbox"/> \$50,000 to \$59,999   |
| <input type="checkbox"/> \$15,000 to \$19,999 | <input type="checkbox"/> \$60,000 to \$74,999   |
| <input type="checkbox"/> \$20,000 to \$24,999 | <input type="checkbox"/> \$75,000 to \$99,999   |
| <input type="checkbox"/> \$25,000 to \$29,999 | <input type="checkbox"/> \$100,000 to \$149,999 |
| <input type="checkbox"/> \$30,000 to \$34,999 | <input type="checkbox"/> \$150,000 or more      |
| <input type="checkbox"/> \$35,000 to \$39,999 |   |

35. Do you own a boat?

- Yes **(Go to Question 36)**
- No **(Skip to Question 37)**

36. What is the length of your boat \_\_\_\_\_ (feet)

37. Do you have memberships in any groups or clubs? **(Check all that apply)**

- Fishing groups, clubs or organizations
- Diving groups, clubs or organizations
- Environmental groups, clubs or organizations
- Chambers of Commerce
- Other (specify type) \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

That completes the survey. **THANK YOU.** Please put in the return self-addressed envelope and return to us.