

**Cape Lookout National Seashore Cultural Resource Values and Vulnerabilities Assessment
Online Survey Questionnaire for Partner Organizations**

SURVEY INSTRUMENT

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Thank you for taking the time to help us today!

We are interested in understanding:

- Your connections to and values of the historic villages;
- Your thoughts on the conditions of the resources and how vulnerable you think they are to rising sea levels, erosion from storm related flooding, wind damage from storms);
- The extent of changes you've noticed and how those changes impact your attachment to the villages; and
- Your perspective on possible strategies to address changes.

Participation in the study is voluntary and your name and email address will not be linked to your responses. It should take you about 15 minutes to respond to the survey.

PAPERWORK REDUCTION ACT STATEMENT: The National Park Service is authorized by 54 USC 100702 to collect this information. This information will be used by park managers to understand the perceptions of partner organizations concerning the cultural resources of Cape Lookout National Seashore. Responses to this request are voluntary and anonymous. Your name will never be associated with your answers, and all contact information will be destroyed when the data collection is concluded. No action may be taken against you for refusing to supply the information requested. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number.

BURDEN ESTIMATE STATEMENT: Public reporting burden for this collection is estimated to average 15 minutes per response. This estimate includes the initial contact and introduction as well as the time to complete the survey questions. Please direct comments regarding the burden estimate or any other aspect of this form to: Phadrea D Ponds at pponds@nps.gov (email).

SECTION 1: Place Connections

The responses from the question in this section will be used to answer the underlying questions of place attachment and connectedness to cultural and historic resources of Cape Lookout.

1. We are interested in knowing more about local connections to Cape Lookout National Seashore (“Cape Lookout”). Please mark only one response for each item.

Please indicate your level of agreement or disagreement with each of the statements.	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree
a. I feel Cape Lookout is a part of me.	1	2	3	4	5
b. I identify strongly with Cape Lookout.	1	2	3	4	5
c. What happens at Cape Lookout doesn't matter to me.	1	2	3	4	5
d. No other place can compare to Cape Lookout.	1	2	3	4	5
e. Few people know Cape Lookout like I do.	1	2	3	4	5
f. My family's income or livelihood depends on Cape Lookout.	1	2	3	4	5
g. Many important family memories are tied to Cape Lookout.	1	2	3	4	5
h. Local communities' history is strongly tied to Cape Lookout.	1	2	3	4	5
i. The local economy depends on Cape Lookout.	1	2	3	4	5
j. Cape Lookout is an important part of our history as a nation.	1	2	3	4	5
k. Preserving the history and culture associated with cultural resources at Cape Lookout is important for future generations.	1	2	3	4	5

2. We are interested in knowing more about your connections to Cape Lookout National Seashore's cultural resources. Please indicate the extent to which you agree or disagree with the following statements about the history and culture associated with Cape Lookout. Please mark only one response for each item.

The history and culture associated with Cape Lookout...	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree
a. ...contributes to the character of local communities.	1	2	3	4	5
b. ...contributes to the uniqueness of local communities.	1	2	3	4	5
c. ...provides me with a sense of pride in my	1	2	3	4	5

heritage.					
d. ...makes it a special place for my family.	1	2	3	4	5
e. ...attracts tourism dollars to local communities.	1	2	3	4	5
f. ...contributes to a more stable local economy.	1	2	3	4	5
g. ...creates a stronger sense of community togetherness.	1	2	3	4	5
h. ...provides a sense of family bonds within local communities.	1	2	3	4	5
i. ...provides feelings of community pride.	1	2	3	4	5
j. ...is unique and unlike other historic barrier island communities in the region.	1	2	3	4	5

SECTION 2. Cultural Resource Values

The questions in this section will be used to provide information about the important cultural resource values held by members of partner organization which will enable an assessment of the strength of cultural resource characteristics in relation to other defining park characteristics

We would like to know what values you think are important about the cultural resources at Cape Lookout.

NOTE TO REVIEWER: The respondent will be asked to use the mouse or cursor to reposition the statements below to rank each item by their perceived level of importance. The program will allow the user to drag each item and place the most important feature in the first position, followed by second most important, etc., ending with the least important at the bottom of the list.

3. Please use the mouse to rank the following cultural resource values in order of importance. Drag the value that is most important to you to the top of the list, then move the second most important value below the first, and continue until the least important value is located at the bottom of the list.

- Aesthetics (visual quality of heritage).
- Spiritual values (spiritual inspiration, religious experiences, awe).
- Social values (gatherings to honor heritage, cultural practices and customs).
- Historical connections (maritime commerce, coast guard station).
- Symbolic meanings (shared meanings - not physical structures - associated with heritage).
- Authenticity (genuine, original characteristics).
- Bequest value (future generations).

4. We are interested in understanding your perceptions of the importance of some of the following attributes of Cape Lookout National Seashore. Please mark only one response for each item.

How important are the following resources and values at Cape Lookout?	Not at all important	Slightly important	Somewhat important	Very important	Extremely important
a. Undeveloped character with limited facilities.	1	2	3	4	5
b. Recreational opportunities and experiences in a remote setting.	1	2	3	4	5
c. A natural laboratory to study how barrier islands change over time.	1	2	3	4	5
d. Human connection to the outer banks.	1	2	3	4	5
e. Archaeological sites.	1	2	3	4	5
f. Barrier island geology and ecology.	1	2	3	4	5
g. Cultural landscape (the collection of historic buildings, cemeteries, and the surrounding land, plants, wildlife and water, including fish).	1	2	3	4	5
h. The history of people and commerce at the edge of the sea (maritime livelihoods).	1	2	3	4	5
i. Educational opportunities and interpretive signage.	1	2	3	4	5
j. Lighthouse and other federal maritime structures.	1	2	3	4	5
k. Historic community buildings (church, school house, post office).	1	2	3	4	5
l. Historic residential buildings.	1	2	3	4	5

SECTION 3. Cultural Resource Conditions/Vulnerabilities

The questions in Section 3 are needed to answer the underlying questions related to the perceptions of cultural resource conditions and vulnerability at Cape Lookout. The questions depict the types of coastal threats identified by the National Park Service in their 2014 Preserving coastal heritage: Summary report. Accessed from: <http://www.achp.gov/docs/pch-summary-report.pdf>

Due to changes, particularly sea level rise and storm-related flooding, the National Park Service will need to adopt adaptive strategies for management at Cape Lookout. One key element in making

adaptation strategies is related to the vulnerability of the resources. We are interested in your perceptions of the cultural resource conditions and vulnerability at Cape Lookout.

5. We are interested in knowing how you would rate the overall condition of the following cultural resources at Cape Lookout. Please mark only one response for each item.

	Poor	Fair	Average	Good	Excellent
a. All of the cultural resources at Cape Lookout National Seashore.	1	2	3	4	5
b. The Lighthouse and Keepers Quarters at the north end of Cape Lookout Village.	1	2	3	4	5
c. The remaining historic structures within Cape Lookout Village (not including the lighthouse and keepers quarters).	1	2	3	4	5
d. The historic structures at Portsmouth Village.	1	2	3	4	5

6. In general, how vulnerable do you believe Cape Lookout is to barrier island system changes from storm-related flooding and erosion?

- Not at all vulnerable
- Slightly vulnerable
- Somewhat vulnerable
- Very vulnerable
- Extremely vulnerable

7. In general, how vulnerable do you believe Cape Lookout is to barrier island system changes from sea level rise?

- Not at all vulnerable
- Slightly vulnerable
- Somewhat vulnerable
- Very vulnerable
- Extremely vulnerable

8. How vulnerable do you believe the cultural resources within the historic districts are to the following threats? Please mark only one response for each item.

Threats	Not at all vulnerable	Slightly vulnerable	Somewhat vulnerable	Very vulnerable	Extremely vulnerable
a. Submersion (structures will be permanently submerged in water from sea level rise).	1	2	3	4	5
b. Erosion (structures will be damaged from the loss of stabilizing soil related to sea level rise and/or storm	1	2	3	4	5

surges).					
c. Inundation (structures will be periodically flooded from sea level rise and/or storm surges).	1	2	3	4	5
d. Saturation (structures will be on wet ground due to rising water tables associated with sea level rise).	1	2	3	4	5
e. Deterioration (structure will fall apart from precipitation, temperature, wind variation).	1	2	3	4	5
f. Destruction (structure will be completely lost from flooding and storms).	1	2	3	4	5
g. Increased fire risk (structures fire risk can increase from increased rot, insect infestations, or nearby forest fuels).	1	2	3	4	5
h. Invasion (invasive species and mold will decrease the strength/integrity of the structure).	1	2	3	4	5
i. Disruption (loss of access to Village because of damage to docks).	1	2	3	4	5
j. Degradation (loss of access to structures from vandalism and looting).	1	2	3	4	5

SECTION 4. Perceptions of Change and Impacts to Values/Meanings

The questions in Section 4 will be used to assess the level and duration of change observed by the respondent. We are interested in understanding more about the perceptions related to meaning of place due to the impacts of change over time.

We are interested in understanding the types of changes you may have noticed at Cape Lookout, particularly to the cultural landscape (historic buildings, cemeteries, and the surrounding land, plants, wildlife and water, including fish).

9. In what year did you first visit Cape Lookout?

10. In what year did you last visit Cape Lookout?

11. Have you noticed changes in the cultural landscape at Cape Lookout since your first visit? Please mark only one response.

Yes No → Skip to Q14

If yes, please describe the changes in a few words.

12. How would you rate the extent to which the following have changed since your first visit? Please mark only one response for each item.

	Level of Change				
	No Change	Minimal Change	Moderate Change	Major Change	Severe Change
The barrier islands of Cape Lookout.	1	2	3	4	5
The landscape of Cape Lookout Village.	1	2	3	4	5
The Lighthouse and Keepers Quarters at Lookout Village.					
The historic structures of Cape Lookout Village (excluding the lighthouse and keepers quarters).	1	2	3	4	5
The landscape of Portsmouth Village.	1	2	3	4	5
The historic structures of Lookout Village.	1	2	3	4	5

13. How have the changes to the cultural landscape at Cape Lookout National Seashore affected the extent to which you feel connected to the following resources? Please mark only one response for each item.

	Significantly less connected	Somewhat less connected	No change	Somewhat more connected	Significantly more connected
Cape Lookout National Seashore in general.	1	2	3	4	5
The Lighthouse and Keepers Quarters at Cape Lookout Village.	1	2	3	4	5

The historic structures of Cape Lookout Village (excluding the lighthouse and keepers quarters).	1	2	3	4	5
The landscape of Portsmouth Village.	1	2	3	4	5
The historic structures of Portsmouth Village.	1	2	3	4	5

SECTION 5. Cultural Resource Management Strategies

The questions in Section 5 are part of the core information gathering needed to answer the underlying questions of the perceptions of hypothetical adaptation strategies similar to the types of adaptation strategies identified in: National Park Service 2014 Preserving coastal heritage: Summary report. Accessed from: <http://www.achp.gov/docs/pch-summary-report.pdf>

The National Park Service is currently developing possible strategies to adapt cultural resources to changes from sea-level rise and storm-related flooding and erosion. We would like to know your thoughts on the following strategies for the cultural resources located at Cape Lookout National Seashore.

14. This question requires two responses. First we would like for you to read each management scenario. Then we would like to know: 1) the level of desirability you have for each strategy and 2) how your level of connection to the historic resources would be affected by the strategy? Please mark one response in each category for each strategy.

NOTE TO REVIEWER: In the electronic version of the questionnaire, the respondent will be asked to read each strategy and respond in terms of desirability and effect on place. Choices about desirability and effects on place connections are in reference to lettered management strategies on the left. Response categories for each question (desirability & effects on place connections) will be presented in dropdown menus and are independent questions. See image below.

10. How desirable are the following management strategies and how will each affect your connections to the historic resources?

	Desirability	Effect on Your Place Connections
a. Leave Things As They Are (no active intervention warranted or possible)	Slightly desirable	Significantly less connected Somewhat less connected No change Somewhat more connected Significantly more connected
b. Offsite Action (construct barriers like seawalls to deflect storm surge)		
c. Improve Resilience (alter or modify buildings to withstand storm surge or flooding, including elevating structures)		

	Desirability	Effect on your Place Connections
a. Leave things as they are (if preservation treatments are too technically challenging or expensive, take no action and allow building to deteriorate as change occurs).	<input type="checkbox"/> Not at all desirable <input type="checkbox"/> Slightly desirable <input type="checkbox"/> Somewhat desirable <input type="checkbox"/> Very desirable <input type="checkbox"/> Extremely desirable	<input type="checkbox"/> Significantly less connected <input type="checkbox"/> Somewhat less connected <input type="checkbox"/> No change <input type="checkbox"/> Somewhat more connected <input type="checkbox"/> Significantly more connected
b. Take offsite action (construct barriers like seawalls to deflect storm surge).	<input type="checkbox"/> Not at all desirable <input type="checkbox"/> Slightly desirable <input type="checkbox"/> Somewhat desirable <input type="checkbox"/> Very desirable <input type="checkbox"/> Extremely desirable	<input type="checkbox"/> Significantly less connected <input type="checkbox"/> Somewhat less connected <input type="checkbox"/> No change <input type="checkbox"/> Somewhat more connected <input type="checkbox"/> Significantly more connected
c. Improve resilience (alter or modify buildings to withstand storm surge or flooding, including elevating structures).	<input type="checkbox"/> Not at all desirable <input type="checkbox"/> Slightly desirable <input type="checkbox"/> Somewhat desirable <input type="checkbox"/> Very desirable <input type="checkbox"/> Extremely desirable	<input type="checkbox"/> Significantly less connected <input type="checkbox"/> Somewhat less connected <input type="checkbox"/> No change <input type="checkbox"/> Somewhat more connected <input type="checkbox"/> Significantly more connected
d. Manage change (plant vegetation to reduce erosion or build boardwalks to access buildings).	<input type="checkbox"/> Not at all desirable <input type="checkbox"/> Slightly desirable <input type="checkbox"/> Somewhat desirable <input type="checkbox"/> Very desirable <input type="checkbox"/> Extremely desirable	<input type="checkbox"/> Significantly less connected <input type="checkbox"/> Somewhat less connected <input type="checkbox"/> No change <input type="checkbox"/> Somewhat more connected <input type="checkbox"/> Significantly more connected
e. Relocate (move buildings to a less vulnerable location).	<input type="checkbox"/> Not at all desirable <input type="checkbox"/> Slightly desirable <input type="checkbox"/> Somewhat desirable <input type="checkbox"/> Very desirable <input type="checkbox"/> Extremely desirable	<input type="checkbox"/> Significantly less connected <input type="checkbox"/> Somewhat less connected <input type="checkbox"/> No change <input type="checkbox"/> Somewhat more connected <input type="checkbox"/> Significantly more connected
f. Document and release (study and record the details of the buildings, and then allow them to deteriorate with storms and flooding).	<input type="checkbox"/> Not at all desirable <input type="checkbox"/> Slightly desirable <input type="checkbox"/> Somewhat desirable <input type="checkbox"/> Very desirable <input type="checkbox"/> Extremely desirable	<input type="checkbox"/> Significantly less connected <input type="checkbox"/> Somewhat less connected <input type="checkbox"/> No change <input type="checkbox"/> Somewhat more connected <input type="checkbox"/> Significantly more connected
g. Interpret the change (talk with visitors or provide signs with information about how storms, flooding, erosion and sea level rise are changing the resources).	<input type="checkbox"/> Not at all desirable <input type="checkbox"/> Slightly desirable <input type="checkbox"/> Somewhat desirable <input type="checkbox"/> Very desirable <input type="checkbox"/> Extremely desirable	<input type="checkbox"/> Significantly less connected <input type="checkbox"/> Somewhat less connected <input type="checkbox"/> No change <input type="checkbox"/> Somewhat more connected <input type="checkbox"/> Significantly more connected

15. If a structure was moved from its original location within one of the Villages, how would that impact the meanings the Village holds for you? *Please mark only one response.*

- Significantly detract
 Slightly detract
 No change
 Slightly enhance
 Significantly enhance

SECTION 6. Resource Prioritization

The questions in Section 6 are part of the core information gathering needed to answer the underlying questions of adaptation strategies and prioritization decision-making (Q15).

Strategies are needed to adapt the cultural resources at Cape Lookout to changes from sea-level rise and storm-related flooding and erosion. We are interested in learning about your perceptions of what are the most important things about a historic structure that decision-makers should consider when prioritizing future actions.

16. How important are the following considerations in prioritizing adaptation of historic structures?
Please mark only one response for each item.

How important is it that prioritization be placed on structures that ...	Not at all important	Slightly important	Somewhat important	Very important	Extremely important
a. have been restored previously.	1	2	3	4	5
b. are the least expensive structures to restore.	1	2	3	4	5
c. are the least expensive structures to maintain in the future.	1	2	3	4	5
d. are meaningful to a few people (e.g., a family).	1	2	3	4	5
e. are meaningful to a community of people.	1	2	3	4	5
f. are most visited by the public.	1	2	3	4	5
g. have the highest scientific value (help us to better understand aspects of the past).	1	2	3	4	5
h. hold particular historical value because of its uniqueness (e.g., only one like it).	1	2	3	4	5
i. symbolize something of national importance.	1	2	3	4	5

SECTION 7. Demographics

Section 7 asks a set of demographic questions to inform data interpretation. Q16, Q20 and Q21 are standard demographic questions. Q17-Q19 will enable classification of respondents to conduct comparative statistical tests.

The following questions will help us better understand your connections to this place and contextualize our findings. These data are for descriptive purposes and will not be used to weight your answers to any of the previous questions.

17. In what year were you born?

Write in Year

18. How frequently do you visit Cape Lookout?

- Irregularly (less than annually) Annually Twice a year 3 to 5 times a year
 6 to 8 times a year 8 to 10 times a year More than 10 times a year]

19. Which of the historic districts do you most frequently visit?

- Portsmouth Village Lookout Village Both Equally

20. Have you had any ownership of structures (including leases) at either Portsmouth Island or Lookout Village?

- No
 Yes
 Not me but my relatives

In what year did you or your family last occupy the structure? [Write in year]

21. What is your primary zip code?

Write in Zip Code

a. If you have a secondary address near CALO, what is that zip code?

Write in Zip Code

22. What is your gender?

- Male Female Prefer not to say

We thank you for your time spent taking this survey.
Your responses have been recorded.