Performance Report

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PROJECT INFORMATION

Project Details	
RAAMS ID	61
Project Title	Commitment and Planning Support - Texas
Project Start Date	06/01/2018
Project End Date	05/31/2023
Requested Funds	$2,100,000.00

Project Abstract
The purpose of this five year plan is to work in coordination with a team of Texas coastal experts, elected officials, representatives for NRDA and NFWF, the four Gulf states, federal entities and the public, using the best available science, in meeting the requirements of the RESTORE Act Council-Selected Restoration Component and the commitments of the Comprehensive Plan update in 2016. The result will address and determine planning needs and identify project proposals for the upcoming Funded Priority Lists (FPLs) and to set up the foundation for successful long-term restoration projects. The State will hire a contractor to conduct planning and collaboration activities over this 5-year period to determine the highest level of restoration needs along the Texas coast, as well as the Gulf coast, and to provide the basis for a 10-year Strategy approach for long-term restoration across Texas and the other Gulf of Mexico States.

PERSONNEL

Primary Organization Personnel			
Primary	**Role**	**Name**	**Organization Name**
Yes	Project Lead / Point of Contact	Brenda Allred,	Texas Commission on Environmental Quality
No	Project Lead / Point of Contact	Sheri Land,	Texas Commission on Environmental Quality
No	Project Lead / Point of Contact	Nicole Immer,	Texas Commission on Environmental Quality
No	Project Lead / Point of Contact	Diane Mazuca	Texas Commission on Environmental Quality
No	Project Lead / Point of Contact	Dawn Higgins	Texas Commission on Environmental Quality
No	Agency Responsible Official	Stephanie Bergeron Perdue	Texas Commission on Environmental Quality

Other Personnel (Partners, Subrecipients, and Contractors)		
Role	**Name**	**Organization Name**

PERFORMANCE NARRATIVES

Performance Report: Summary of Work

Resources and efforts for the first year of the CPS grant have focused on the development of the Council's Planning Framework to ensure that the concerns and interest of the Texas coast are appropriately presented in that document. To that end, many of the activities thru June 2019 have involved securing input from various sources, including the public, and entailed establishing several Texas-based workgroups. These efforts have included working in coordination with a team of Texas coastal experts, elected officials, representatives for Natural Resource Damage Assessment (NRDA) and National Fish and Wildlife Foundation (NFWF), the four of the Gulf states, federal entities and the public.

Year-one efforts have resulted in actively participating in the development of the Council's Planning Framework and instituting processes to facilitate the identification of potential programs/projects to be funded in the next Bucket 2 funding cycle, referred to as FPL3. These efforts have begun to set up the foundation for beneficial and successful long-term restoration projects

The State hired a contractor, Harte Research Institute (HRI) to assist TCEQ in all planning, evaluation, project identification and collaboration activities. HRI has been working with TCEQ to compile information and craft language to discuss and convey types of undertakings that should be incorporated into a 10-year Strategy for long-term restoration activities across Texas and the other Gulf of Mexico States.

Specific activities are outlined in the performance narrative.

The two public hearing presentations can be accessed at:
https://www.restorethetexascoast.org/wp-content/uploads/2019/05/4_B2-P-December-2018-Public-Mtg_Presentation_20181214.pdf

https://www.restorethetexascoast.org/wp-content/uploads/2019/05/5_B2-P-December-2018-Public-Mtg-HRI_Presentation_20181214.pdf

The following documents have been uploaded:
- Survey requesting input on Texas Coastal priorities
- Project identification form
- Project evaluation form
- Table listing meetings TCEQ held thru June 2019 with workgroups, fellow Steering Committee members, HRI, etc...

PERFORMANCE REPORTING QUESTIONS	
01. What year are you in your project?	1.00
02a. What type of project?	Planning
02b. If you selected "other," how would you describe your project type?	
03a. Have you updated your current metric values in RAAMS?	Yes
03b. Are you on target to meet your final metric values?	Yes
04a. Have you started collecting or compiling observational data to support your metric values?	NA
04b. If "no" was selected for question 4a, but your answer to question 3a was "yes," when do you expect to start collecting or compiling the data to support your metric values?	
05. Have you started analyzing your data?	Yes
06. Are you on track towards meeting your project goal(s) within the award time?	Yes
07a. Is there any indication that this project may not fully accomplish the stated project completion goal(s), either with or without implementing adaptive management strategy(ies)?	No
07b. If "yes," have you communicated this in any way to Council staff? Do you need to have a discussion with staff?	
08a. Have you identified any adaptive management strategies that need to be implemented?	NA
08b. If "yes," briefly describe the strategy(ies), including your plan to identify and implement the necessary strategy(ies).	
09a. Do you have TBD items in the ODP?	No
09b. If applicable, have you updated the ODP?	NA
09c. If "no," when it will be updated?	
10a. Do you have TBD items in the DMP?	No
10b. If applicable, have you updated the DMP?	NA
10c. If "no," when it will be updated?	
11a. Are your data publicly available?	No
11b. If "no," when and how will it be shared?	no data; however material that is considered public is posted on the Texas RESTORE web site
11c. If "yes," how is it accessible?	Web Service

12a. Have you updated your leveraged funding in RAAMS?	NA (project includes no leveraged funding)
12b. Are your leveraged funds on target?	NA (project includes no leveraged funding)
13a. Have you updated your GIS files?	No
13b. If "yes," please describe what changed and why.	N/A

LEVERAGED FUNDING

Type:	
Status:	
Source:	
Source Type:	
Planned Amount:	$
Actual Amount:	$
Description:	

METRICS

Template Name:	Collaboration Actions
Metric Name:	CPS010 - Collaborative preparation of applications for IAAs, grants and other related items required prior to implementing project-specific interagency activities

Baseline	
Current	Yes
Completion	

Notes:	

Template Name:	Collaboration Actions
Metric Name:	CPS002 - Participate in meetings, workshops, etc. with Council members and other potential FPL funding partners

Baseline	
Current	Yes
Completion	

Notes:	

Template Name:	Collaboration Actions
Metric Name:	CPS006 - Development of concepts, project scoping, pre-submission environmental compliance review/coordination, and technical assistance for potential FPL projects

Baseline	
Current	Yes
Completion	

Notes:	

Template Name:	Collaboration Actions
Metric Name:	CPS004 - Participate in technical meetings/focus groups related to future FPL submissions

Baseline	
Current	Yes
Completion	

Notes:	

Template Name:	Collaboration Actions
Metric Name:	CPS001 - Sponsor workshops, meetings, etc. related to future FPL submissions

Baseline	
Current	Yes
Completion	

Notes:	

Template Name:	Collaboration Actions
Metric Name:	CPS009 - Preparation of collaboratively developed proposals, (e.g., entry of proposals into the Council's FPL Collaboration Tool or RAAMS)

Baseline	
Current	Yes
Completion	

Notes:	

Template Name:	Collaboration Actions
Metric Name:	CPS007 - Process-related activities to support FPL project/program options development (e.g., decision support structure development, preparation of collaboration materials, Council workgroup participation, public comment review)

Baseline	
Current	Yes
Completion	

Notes:	

Template Name:	Collaboration Actions
Metric Name:	CPS005 - Public engagement activities related to FPL submission development

Baseline	
Current	Yes
Completion	

Notes:	

Template Name:	Collaboration Actions
Metric Name:	CPS011 - Other (Please provide a brief description of this collaboration action)

Baseline	
Current	Yes
Completion	

Notes:	

Template Name:	Collaboration Actions
Metric Name:	CPS003 - Participate in Council meetings regarding the Council-Selected Restoration Component

Baseline	
Current	Yes
Completion	

Notes:	

Template Name:	Collaboration Actions
Metric Name:	CPS008 - Evaluation activities to determine the impact of the Council's projects/programs and inform adaptive management

Baseline	
Current	Yes
Completion	

Notes:	

PUBLICATIONS

Title	Year	Name	Status

UPLOADS

The following files were uploaded by the applicant/recipient:

Upload Type	File Name	Uploaded By	Uploaded Date
Supplemental Performance Narrative	AnnualReportPerformanceNarrative.pdf	Mazuca, Diane	08/22/2019
Other	AnnualRptIssuesofConcernSurvey.pdf	Mazuca, Diane	08/22/2019
Other	AnnualReportMtgsList.pdf	Mazuca, Diane	08/22/2019
Other	AnnualReportProjectEvaluationForm.pdf	Mazuca, Diane	08/22/2019
Other	AnnualReptProjectIDForm.pdf	Mazuca, Diane	08/22/2019

Bucket 2 CPS Grant
Performance Narrative

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Collaboration Actions Indicators

- Sponsor workshops, meetings, etc. related to future FPL submissions

- Three public meetings were held across the Texas coast to seek input on the state's coastal priorities

- Participate in meetings, workshops, etc. with Council members and other potential FPL funding partners
  - Individual meetings with representatives from LA, DOI, DOC, USDA, FL & Coast Guard
  - Meetings with Texas representatives for NRDA and NFWF
  - Meetings & conference calls on addressing Chenier Plain issues in Texas and LA

- Participate in Council meetings regarding the Council-Selected Restoration Component
  - Attended Council Steering Committee in-person meetings held in TX, LA, FL, AL MS
  - Participated in Council Steering Committee bi-weekly conference calls

- Participate in technical meetings/focus groups related to future FPL submissions
  - Hosted two in-person meetings and eight conference calls with Texas State/Federal Bucket 2 Planning Work Group
  - Hosted two meetings and two conference calls with NGO representatives and participated in several NGO meetings

- Public engagement activities related to FPL submission development
  - Attended public meeting hosted by Council in Texas on Planning Framework
  - Hosted public meetings in Brownsville, Corpus Christi and Galveston Texas to receive public comment on priorities for the Texas coast in preparation for submission of language for the Council's Planning Framework

- Development of concepts, project scoping, pre-submission environmental compliance review/coordination, and technical assistance for potential FPL projects
  - Developed and distributed surveys to the State/Federal and NGO workgroups; industry members and the public to seek input on the priority needs of the Texas coast and techniques to address those needs
  - Developed and distributed a project identification form to work groups and County Judges representing RESTORE eligible counties for them to present potential proposals for consideration for FPL3 pre-proposal submission. The form included a link to the environmental compliance requirements.

- Process-related activities to support FPL project/program options development (e.g., decision support structure development, preparation of collaboration materials, Council workgroup participation, public comment review)
  - Developed materials, including maps and presentations, for distribution to the public. Some material was posted on the Texas RESTORE website
  - Developed evaluation form and distributed to Bucket 2 planning related work groups to evaluate identified projects

- Evaluation activities to determine the impact of the Council's projects/programs and inform adaptive management
  - Developed material conveying results of the surveys requesting information on Texas coastal priorities to assist Toby Baker in responding to Council's request for information for the Planning Framework
  - Developed material, including spreadsheets, summarizing the results of the evaluations received to assist Toby Baker in determining which identified projects should be posted for public comment

- Preparation of collaboratively developed proposals, (e.g., entry of proposals into the Council's FPL Collaboration Tool or RAAMS)
  - Provided material for the Planning Framework and reviewed and made suggested edits/comments as requested
  - Reviewed and provided comments on the proposed guidelines developed by Council staff to be used for proposal submissions

- Collaborative preparation of applications for IAAs, grants and other related items required prior to implementing project-specific interagency activities
  - Began and held numerous meetings and discussions with fellow Steering Committee members, as well as with other potential funding partners, about possible programs/projects for FPL3 submissions

- Other
  - Executed contract with consultant (HRI) to provide specific services as part of Texas' commitment and planning support efforts and the development of Funding Priorities List (FPL) 3.
  - Established a State/Federal Bucket 2 Planning workgroup to assist in developing priorities for the Texas coastal area, to collaborate with other entities in developing potential proposals for FPL3 funding and to provide technical assistance. # of meetings
  - Established a workgroup consisting of 20+ Non-Governmental Organizations (NGOs) to assist in developing priorities for the Texas coastal area, to collaborate with other entities in developing potential

proposals for FPL3 funding and to provide technical assistance. # of meetings

- Contractor provided material for presentation outlining their inventory of existing Texas coastal plans to determine priorities
- Provided updates, as needed, to the Texas RESTORE website to inform the public of activities associated with Bucket 2 planning efforts.
- Sent e-mails notifying industry representatives of Bucket 2 planning activities and inviting them to participate
- Responded to questions from state elected officials on the status of the planning activities
- Responded to questions submitted on the Texas RESTORE web site

TCEQ/RESTORE Act Bucket 2 Survey

Introduction

Information you provide in this survey will help determine the priorities, focus areas and restoration strategies that Texas pursues in the next round of grant funding under the Council-Selected Restoration component of the RESTORE Act, also known as Bucket 2. In 2020, the RESTORE Council will compile a list of specific projects selected for Bucket 2 funds, referred to as the Funded Priorities List #3 (FPL3). However, the first step in creating the FPL3 is to determine areas along the Texas coast most in need of restoration and the types of restoration to pursue, in other words what are the priorities for the Texas Gulf Coast. As a knowledgeable stakeholder, your completion of this survey will provide valuable information for this first step in the FPL3 process. At this time we are not asking for specific projects, rather this information will be used to develop the Council's Priority Framework for the FPL3. Once that Framework has been adopted by the Council in late spring of 2019, you will be given an opportunity to provide information on specific projects based on the Council-adopted priorities. We thank you in advance for your time and participation.

The survey is structured as follows:

- You will identify the regions (Upper, Middle, and/or Lower Texas Coast) you can effectively evaluate.
- You will have an opportunity to review maps and a short description of each region and its bay systems.
- You will answer questions about each region you selected regarding your level of concern over current conditions(a), stressors(b) and pressures(c) on the ecosystem, and the importance of possible responses(d) to address those concerns (see the diagram below).
- You will be asked to provide any additional information to help with the assessment of the region. Examples of additional information that would be useful include other issues and processes known to you or knowledge of ongoing or planned restoration efforts in an area. More specific locations to which your answers refer could also be helpful.

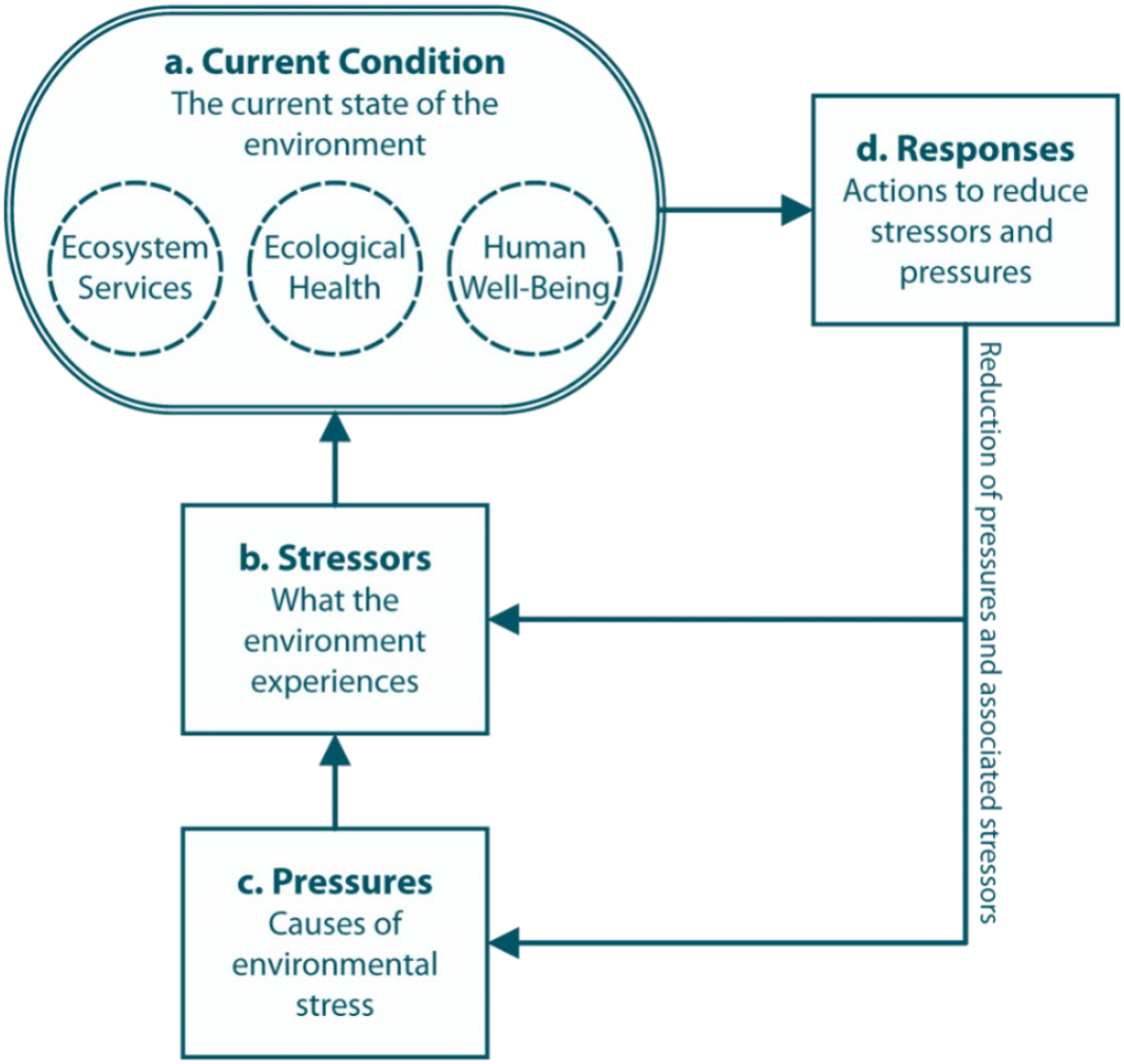


Diagram showing the relationships between pressures, stressors, the current condition of the environment, and responses to mitigate impacts of stressors and pressures.

Note: This survey is not anonymous. The email address that the survey link was accessed from will be recorded for each survey response. You may be contacted via this email address for further clarification of any of your responses. If you would like us to use other contact information please leave your info in the comment box at the end of this survey.

Restore Council Comprehensive Goals

As you fill out this survey, please keep the following Council goals in mind. The Council believes that these goals continue to represent the proper, science-based approach to direct future restoration funding decisions.

Goal 1: Restore and Conserve Habitat
Restore and conserve the health, diversity, and resilience of key coastal, estuarine, and marine habitats

Goal 2: Restore Water Quality and Quantity
Restore and protect the water quality and quantity of the Gulf Coast region's fresh, estuarine, and marine waters

Goal 3: Replenish and Protect Living Coastal and Marine Resources
Restore and protect healthy, diverse, and sustainable living coastal and marine resources

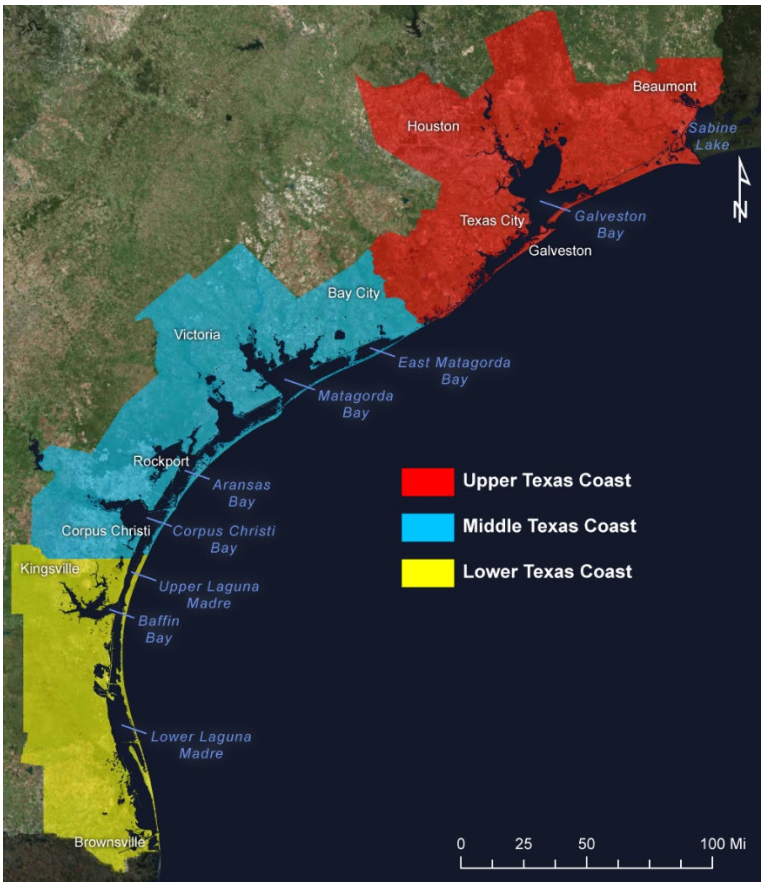
Goal 4: Enhance Community Resilience
Build upon and sustain communities with capacity to adapt to short- and long-term changes

Goal 5: Restore and Revitalize the Gulf Economy
Enhance the sustainability and resiliency of the Gulf economy

The Texas Coast

For this survey, the Texas coast is divided into 3 regions:

The Upper Coast
Bay systems: Galveston Bay, Sabine Lake
The Middle Coast
Bay systems: Matagorda Bay, East Matagorda Bay, Aransas Bay, San Antonio Bay, Copano Bay, Corpus Christi Bay, Upper Laguna Madre
The Lower Coast
Bay systems: Baffin Bay, Lower Laguna Madre



Which regions are you able to evaluate? (Select a minimum of 1; you may evaluate all 3 if you feel comfortable)

- [ ] Upper Coast
- [ ] Middle Coast
- [ ] Lower Coast

The Upper Texas Coast

For this survey, the Upper Texas Coast is comprised of the following counties and bay systems:

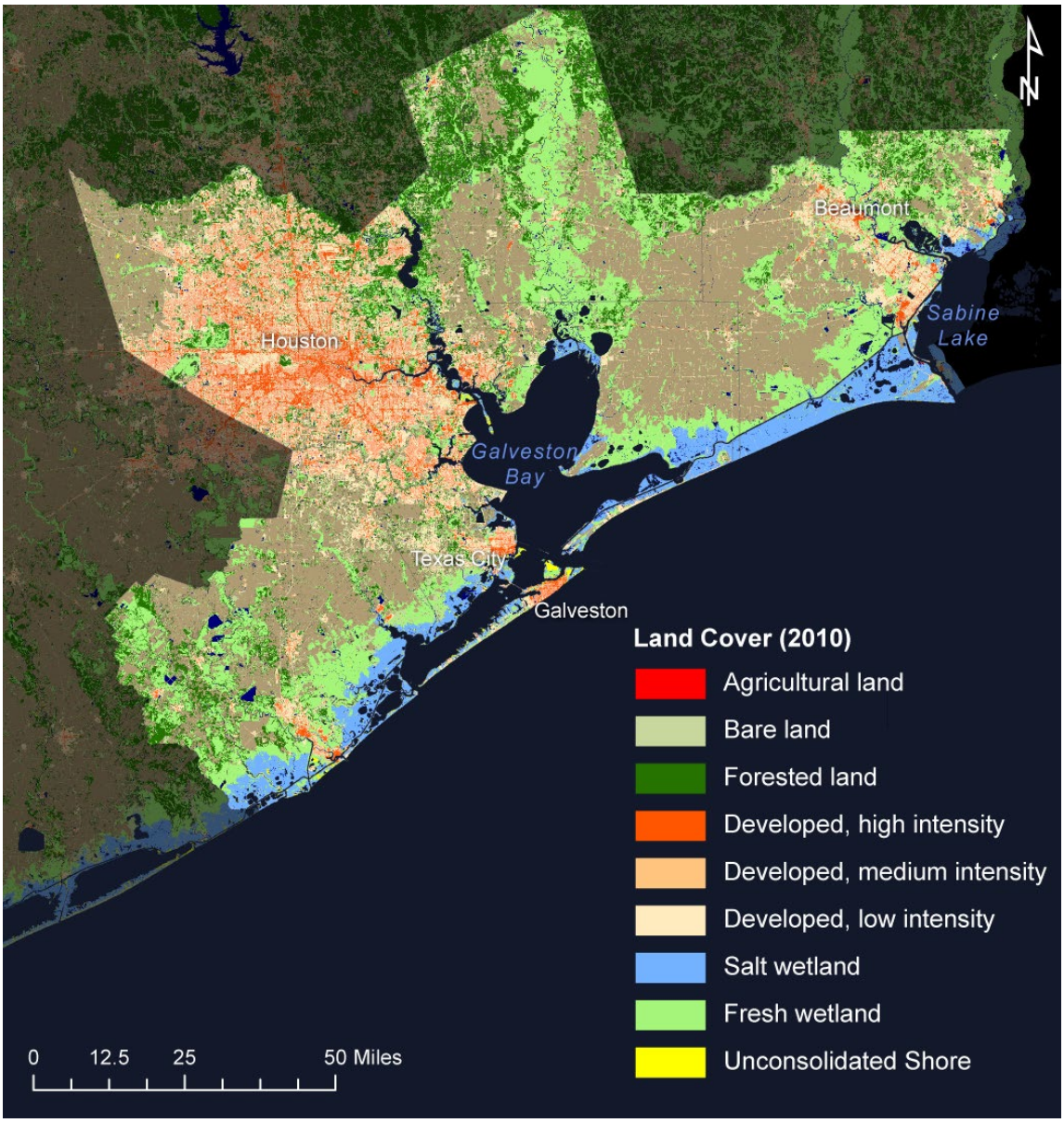
Counties

Brazoria Harris Orange Galveston Chambers Jefferson

Bay Systems

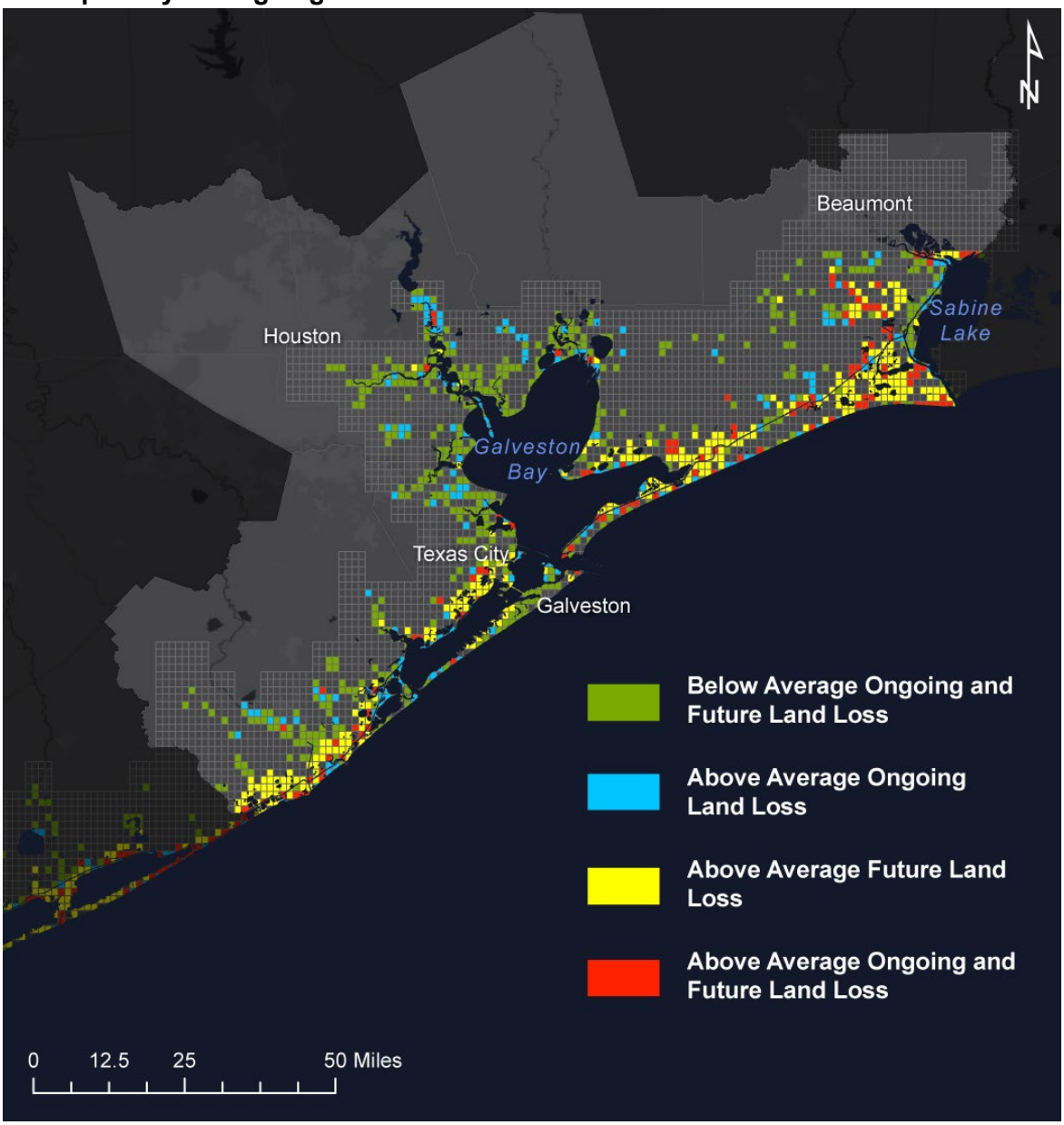
Galveston Bay Sabine Lake

Land Cover



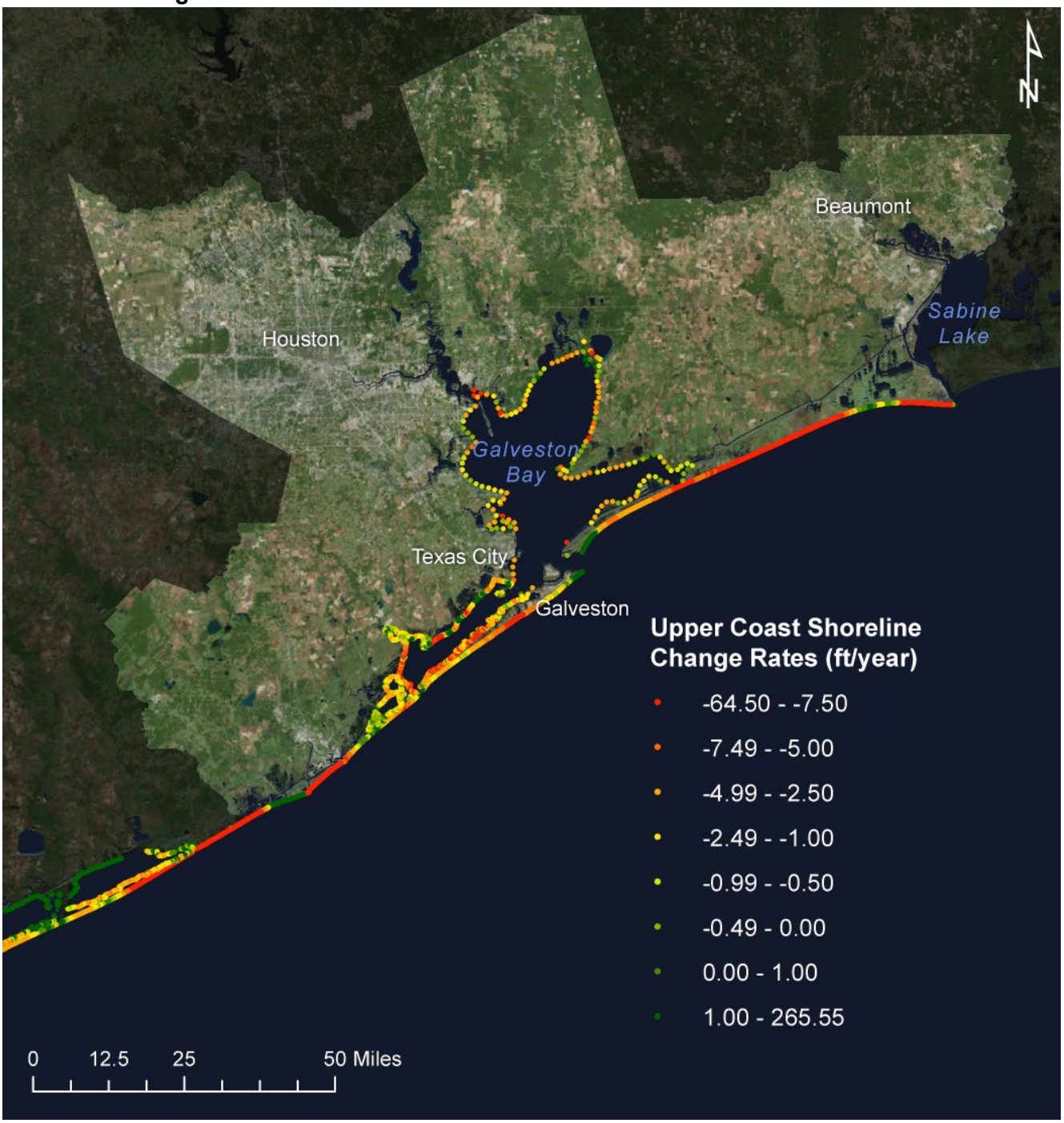
Data source: C-CAP

Susceptibility to Ongoing and Future Land Loss



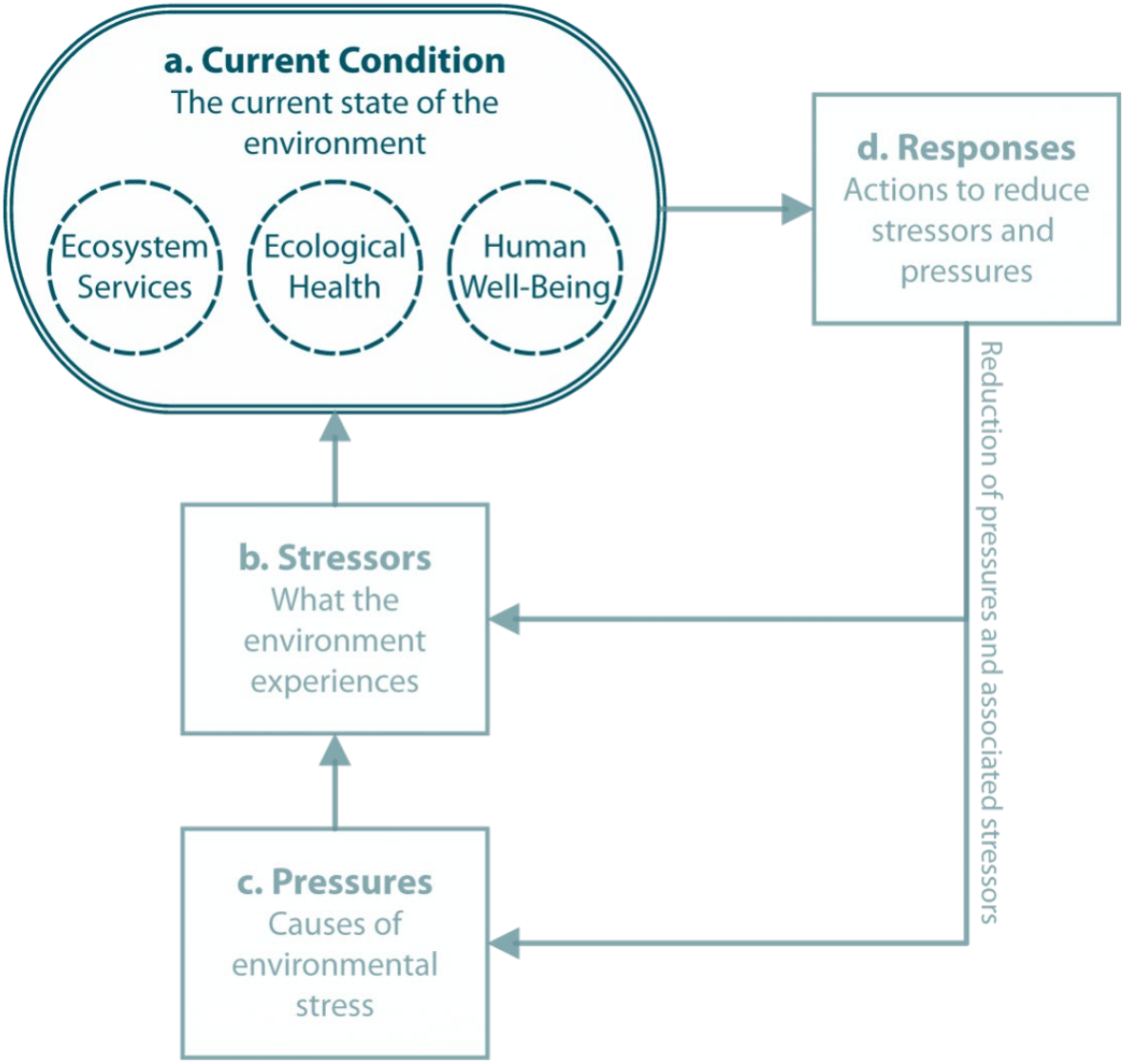
Ongoing land loss susceptibility is derived from the area of land lost to open water from 1984-2015 (source: Global Surface Water Explorer). Future land loss susceptibility is derived from the area of land lost due to relative sea level rise from 2007-2100 (1 meter global rise plus projected land surface changes) (source: Harte Research Institute). Blank squares indicate no ongoing loss or predicted future loss.

Shoreline Change Rates



Long-term historical shoreline change rates on the Upper Texas Coast. Shoreline dates range from 1950s to 2012.
Data source: Bureau of Economic Geology

The Upper Texas Coast: The Current Condition



The **Current Condition** is the state or "health" of the ecosystem as it stands presently. For this survey, we have divided the environment into 2 components:

- **Fish and Wildlife** - examples include marine mammals, bird populations, and endangered species
- **Habitats** - examples include wetlands, oyster reefs, and barrier islands

We would like to know where you think <u>the current condition compares negatively with the desired ecological condition</u>. For example, the desired ecological condition of **Fish and Wildlife** could be **sustainable fish and wildlife communities**, while the desired condition of **Habitats**

could be **restored and productive habitats**. If the current condition does not reflect the desired condition, then indicate your level of concern for that species or habitat.
Please use the following scale to indicate your level of concern regarding the current condition of each environment on the Upper Coast:

- ? = Not enough information to evaluate
- 0 = Not at all concerned
- 1 = Slightly concerned
- 2 = Moderately concerned
- 3 = Very concerned
- 4 = Extremely concerned

The Current **Condition of Fish and Wildlife on the Upper Texas Coast**
What is your level of concern regarding the current condition of the following fish and wildlife? You can include specific locations and/or species in the text box below.

	?	0	1	2	3	4
Fisheries Populations	○	○	○	○	○	○
Avian Populations	○	○	○	○	○	○
Marine Mammals	○	○	○	○	○	○
Sea Turtles	○	○	○	○	○	○
Shellfish	○	○	○	○	○	○
Benthic Communities	○	○	○	○	○	○
Coastal Zone Wildlife (ex: reptiles, amphibians, land mammals)	○	○	○	○	○	○

Comments/questions/additional fish and wildlife not listed/specific locations?

_____

_____

The Current Condition of Habitats on the Upper Texas Coast

What is your level of concern regarding the current condition of the following habitats?

	?	0	1	2	3	4
Saltwater Marshes	○	○	○	○	○	○
Mangroves	○	○	○	○	○	○
Oyster Reefs	○	○	○	○	○	○
Seagrasses	○	○	○	○	○	○
Coral Reefs	○	○	○	○	○	○
Barrier Islands	○	○	○	○	○	○
Freshwater Marshes	○	○	○	○	○	○
Swamps	○	○	○	○	○	○
Rookery Islands	○	○	○	○	○	○
Undeveloped Uplands	○	○	○	○	○	○
Prairies	○	○	○	○	○	○
Bottomland Hardwood Forests	○	○	○	○	○	○
Tidal Flats (Mud, Sand, Algal Mats)	○	○	○	○	○	○
Bayhead Deltas	○	○	○	○	○	○

Comments/questions/additional habitats not listed/specific locations?

_____

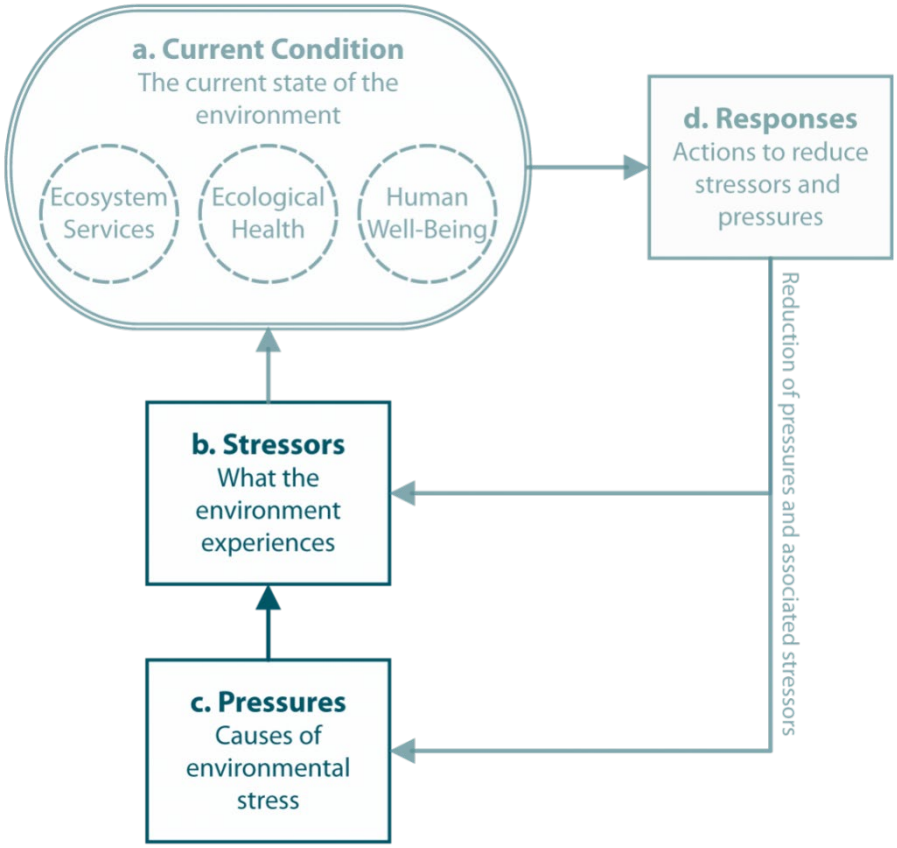
_____

_____

_____

_____

The Upper Texas Coast: Stressors and Pressures



Stressors are what the ecosystem directly experiences - the physical, chemical, or biological effects on an ecosystem. Stressors may involve natural attributes of a system that only become a stressor when there is a change in that attribute over time and space (for example, reduced freshwater inflow causing hypersalinity), or it may involve something novel to the ecosystem, such as the introduction of an invasive species.

Stressors are the resultant effects of **pressures.** Pressures may result from natural or anthropogenic sources, or even a mix. For example, water management that reduces freshwater flows (anthropogenic) and changes in precipitation patterns causing drought (natural) both can produce a similar stressor (changes in the salinity regime of an estuary).

Stressors and pressure can be system-specific. For example, what may be a stressor to one ecosystem (such as a fire in a mangrove forest) may not be a stressor to another ecosystem (a fire in a grassland).

Below, we would like you to identify your level of concern regarding the following stressors on the Upper Texas Coast. Then, identify what you think are the pressures causing that stressor. For example, if you know the Upper Coast is experiencing gulf shoreline erosion, you would

mark your level of concern for that issue. Then you would identify what you think are the causes of erosion - perhaps marking shoreline structures and sea level rise as the causes of that issue. Please use the following scale to indicate your level of concern regarding the following stressors on the Upper Coast:

- ? = Not enough information to evaluate
- 0 = Not at all concerned
- 1 = Slightly concerned
- 2 = Moderately concerned
- 3 = Very concerned
- 4 = Extremely concerned

Please identify (1) your level of concern for the following stressors on the Upper Coast and (2) the pressures causing that stressor.

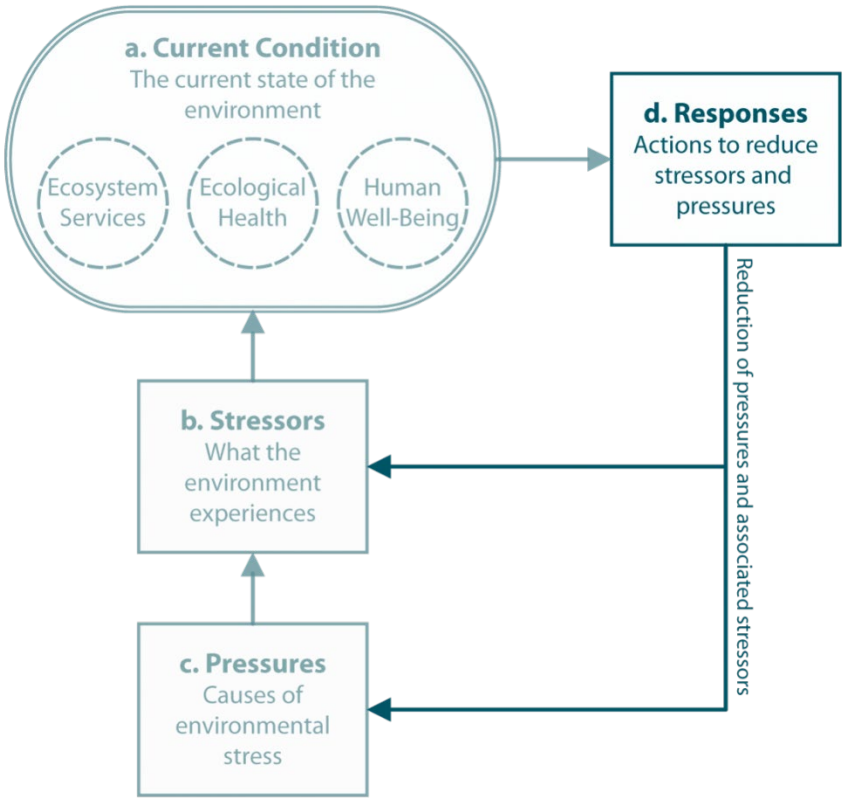
The first column lists various stressors. In the second column, please rank your level of concern over that stressor. In the following columns, please select at least one pressure as a source if you have identified the given stressor as a concern. **Choices are not ranked**. You may type any additional pressures in the comment box below.

	Stressors Level of Concern						Pressure - Choice 1	Pressure - Choice 2	Pressure - Choice 3
	?	0	1	2	3	4			
Salinity Changes	O	O	O	O	O	O			
Invasive Species	O	O	O	O	O	O			
Degraded or Lost Oyster Reefs	O	O	O	O	O	O			
Storm Surge and Flood Damage	O	O	O	O	O	O			
GIWW Erosion	O	O	O	O	O	O			
Habitat Alteration, Degradation, or Loss	O	O	O	O	O	O			
Overfishing	O	O	O	O	O	O			
Loss of Seagrasses	O	O	O	O	O	O			
Bay Shoreline Erosion	O	O	O	O	O	O			
Changes in Nutrient Inputs	O	O	O	O	O	O			
Fragmented Land	O	O	O	O	O	O			
Wetland Alteration, Degradation, or Loss	O	O	O	O	O	O			
Chemical/Petroleum Spills	O	O	O	O	O	O			
Degraded Water Quality	O	O	O	O	O	O			
Harmful Algal Blooms	O	O	O	O	O	O			
Degraded or Lost Rookery Islands	O	O	O	O	O	O			
Gulf Shoreline Erosion	O	O	O	O	O	O			

Mariculture
Agriculture
Oil/Gas Extraction
Water management
Coastal Development
Shoreline Structures
Channelization
Land Use Change
Changes in Precipitation and/or Temperature
Sea Level Rise
Sediment Dynamics
Coastal Storms
Recreational Fishing
Commercial Fishing
Population Growth

Please type any comments or questions here. Examples could include additional stressors and/or pressures not listed here.

The Upper Texas Coast: Responses



Responses are potential solutions for reducing stressors and pressures, thereby improving the environment. In this survey, responses can be **societal approaches** (such as enhancing community resiliency, land acquisition, and land use management) or more ecological-focused **restoration and remediation approaches**, such as the restoration of freshwater flows and habitats or the clean up of a chemical spill.

The following questions will gauge your opinion on the level of importance regarding different response strategies. Please use the following scale to indicate your level of priority regarding each response on the Upper Coast:

- ?= Not enough information to evaluate
- 0= Not at all important
- 1= Slightly important
- 2= Moderately important
- 3= Very important
- 4= Extremely important

Importance of Societal, Restoration, and Remediation Responses to Reduce Stressors on the Upper Texas Coast How important do you think the following responses are to reduce stressors and pressures affecting the Middle Texas coast?

	?	0	1	2	3	4
Land Use Management	○	○	○	○	○	○
Environmental Education	○	○	○	○	○	○
Land Conservation	○	○	○	○	○	○
Land Acqusition	○	○	○	○	○	○
Enhancing Community Resiliency	○	○	○	○	○	○
Plant Seagrass	○	○	○	○	○	○
Restore Freshwater Flows	○	○	○	○	○	○
Increase Habitats	○	○	○	○	○	○
Remove Invasive Species	○	○	○	○	○	○
Replenish Living Coastal and Marine Resources	○	○	○	○	○	○
Stabilize Shorelines	○	○	○	○	○	○
Beneficial Use of Dredge Material	○	○	○	○	○	○
Restore Water Quality and Quantity	○	○	○	○	○	○
Remove Debris and Abandoned Structures and Vessels	○	○	○	○	○	○

Address Failing Septic Tanks	○	○	○	○	○	○
Improve Drainage	○	○	○	○	○	○

Comments/questions/additional responses not listed/specific locations?

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The Middle Texas Coast

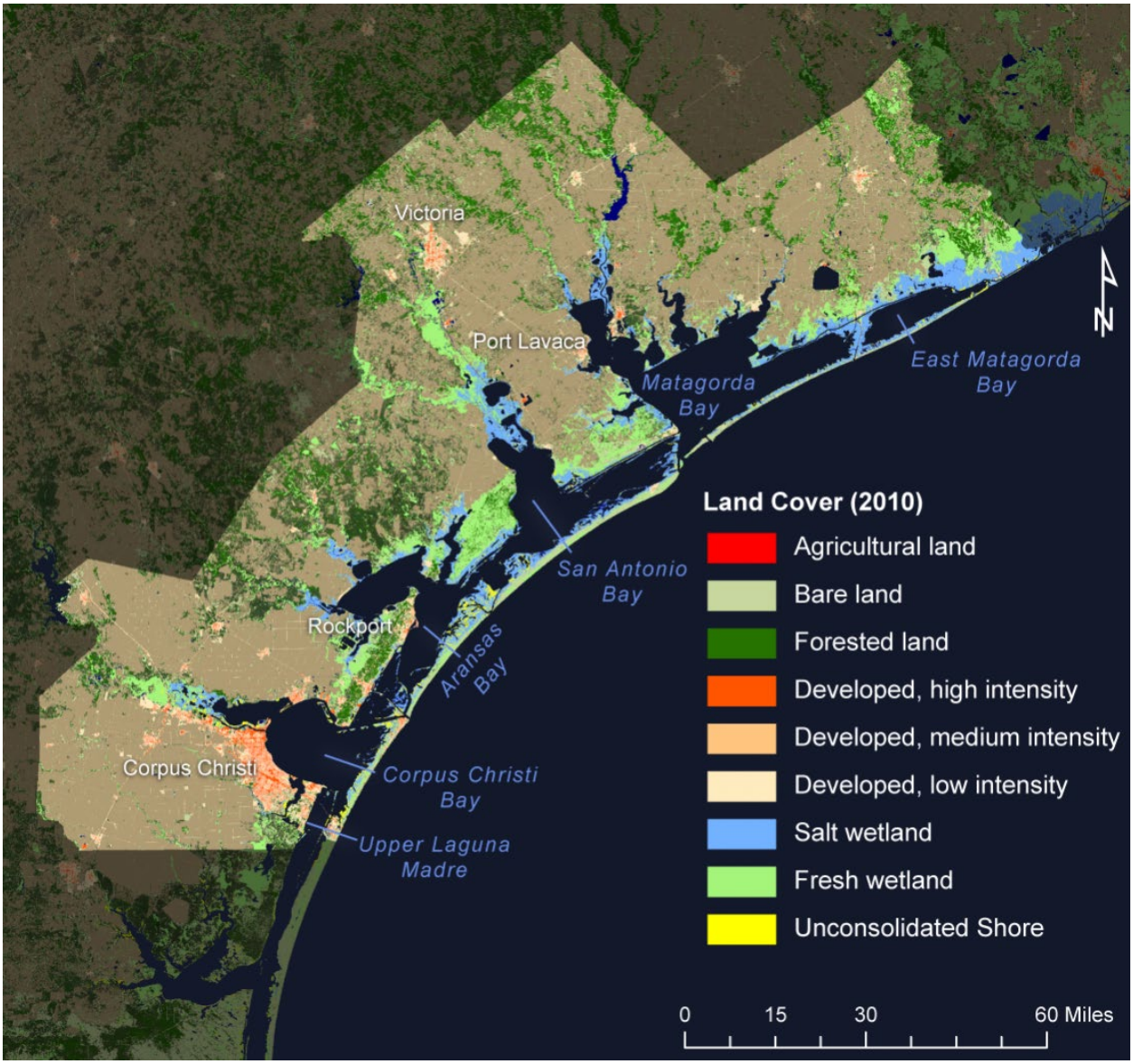
For this survey, the Upper Texas Coast is comprised of the following counties and bay systems:

Counties

Aransas Calhoun Jackson Matagorda Nueces Refugio
San Patricio Victoria

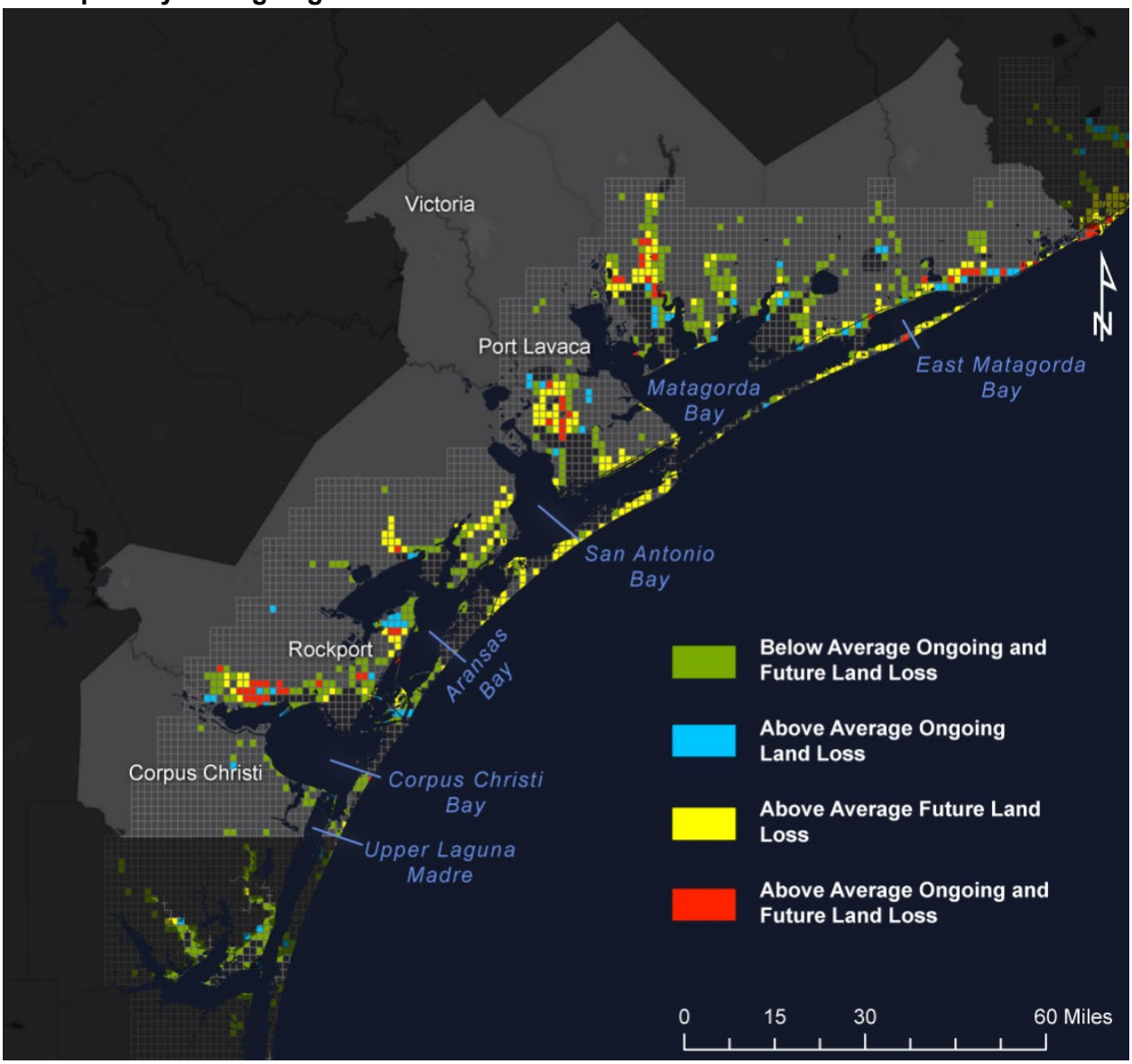
Bay Systems

Matagorda Bay East Matagorda Bay San Antonio Bay Copano Bay Aransas Bay
Corpus Christi Bay Upper Laguna Madre Land Cover



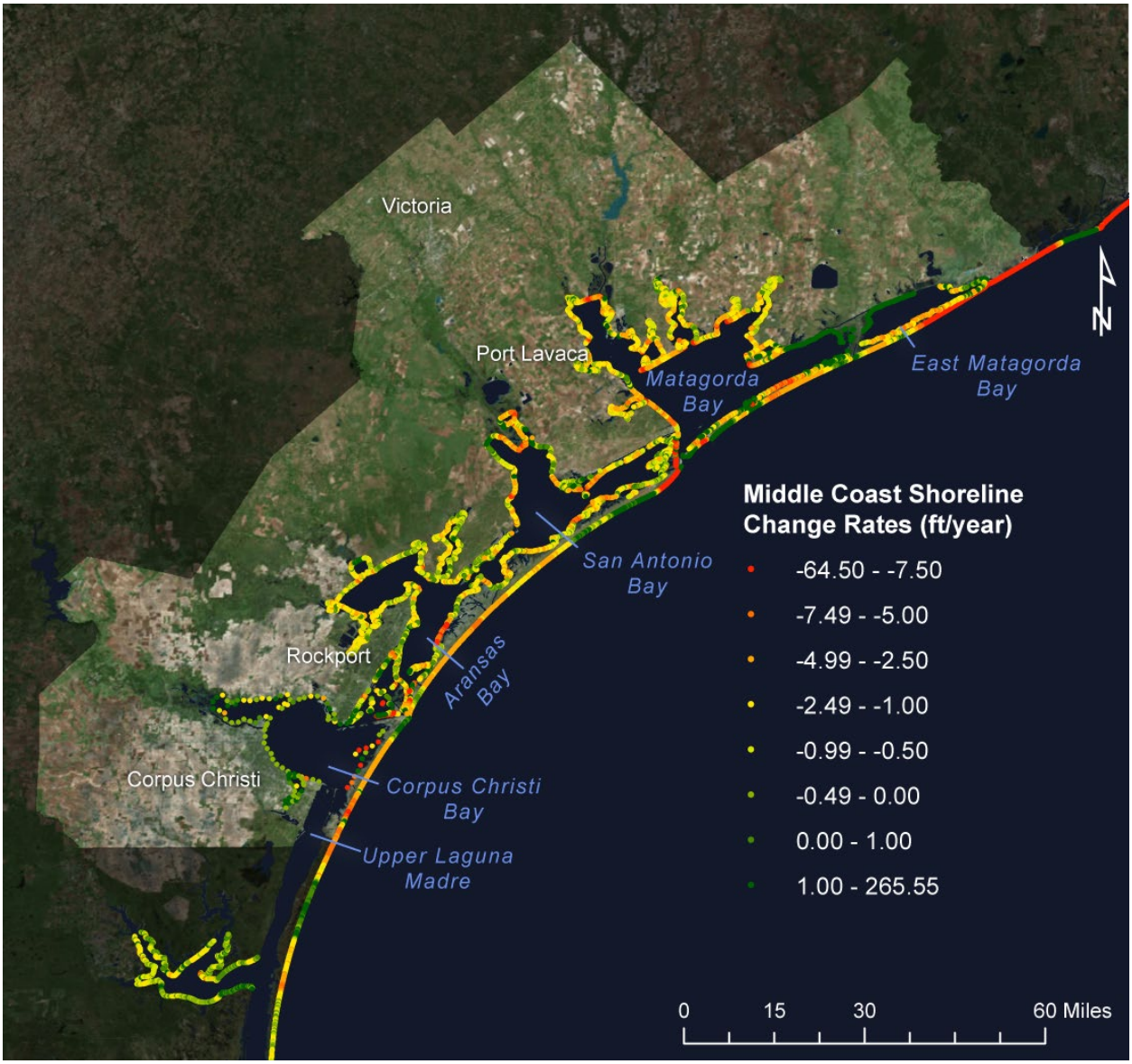
Data source: C-CAP

Susceptibility to Ongoing and Future Land Loss



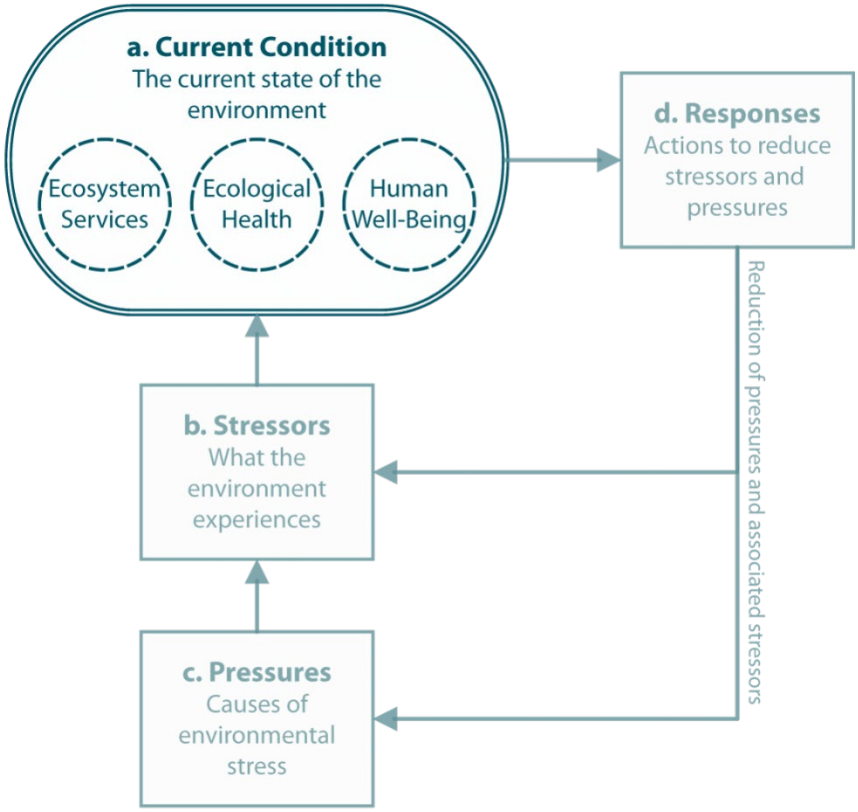
Ongoing land loss susceptibility is derived from the area of land lost to open water from 1984-2015 (source: Global Surface Water Explorer). Future land loss susceptibility is derived from the area of land lost due to relative sea level rise from 2007-2100 (1 meter global rise plus projected land surface changes) (source: Harte Research Institute). Blank squares indicate no ongoing loss or predicted future loss.

Shoreline Change Rates



Long-term historical shoreline change rates on the Middle Texas Coast. Shoreline dates range from 1950s to 2012. Data source: Bureau of Economic Geology

The Middle Texas Coast: The Current Condition



The **Current Condition** is the state or "health" of the ecosystem as it stands presently. For this survey, we have divided the environment into 2 components:

- **Fish and Wildlife** - examples include marine mammals, bird populations, and endangered species
- **Habitats** - examples include wetlands, oyster reefs, and barrier islands

We would like to know where you think the current condition compares negatively with the desired ecological condition. For example, the desired ecological condition of **Fish and Wildlife** could be **sustainable fish and wildlife communities**, while the desired condition of **Habitats** could be **restored and productive habitats**. If the current condition does not reflect the desired condition, then indicate your level of concern for that species or habitat.

Please use the following scale to indicate your level of concern regarding the current condition of each environment on the Middle Coast:

- ? = Not enough information to evaluate
- 0 = Not at all concerned
- 1 = Slightly concerned
- 2 = Moderately concerned
- 3 = Very concerned
- 4 = Extremely concerned

The Current Condition of Fish and Wildlife on the Middle Texas Coast

What is your level of concern regarding the current condition of the following fish and wildlife? You can include specific locations and/or species in the text box below.

	?	0	1	2	3	4
Fisheries Populations	○	○	○	○	○	○
Avian Populations	○	○	○	○	○	○
Marine Mammals	○	○	○	○	○	○
Sea Turtles	○	○	○	○	○	○
Shellfish	○	○	○	○	○	○
Benthic Communities	○	○	○	○	○	○
Coastal Zone Wildlife (ex: reptiles, amphibians, land mammals)	○	○	○	○	○	○

Comments/questions/additional fish and wildlife not listed/specific locations?

_____

_____

The Current Condition of Habitats on the Middle Texas Coast

What is your level of concern regarding the current condition of the following habitats?

	?	0	1	2	3	4
Saltwater Marshes	○	○	○	○	○	○
Mangroves	○	○	○	○	○	○
Oyster Reefs	○	○	○	○	○	○
Seagrasses	○	○	○	○	○	○
Coral Reefs	○	○	○	○	○	○
Barrier Islands	○	○	○	○	○	○
Freshwater Marshes	○	○	○	○	○	○
Swamps	○	○	○	○	○	○
Rookery Islands	○	○	○	○	○	○
Undeveloped Uplands	○	○	○	○	○	○
Prairies	○	○	○	○	○	○
Bottomland Hardwood Forests	○	○	○	○	○	○
Tidal Flats (Mud, Sand, Algal Mats)	○	○	○	○	○	○
Bayhead Deltas	○	○	○	○	○	○

Comments/questions/additional habitats not listed/specific locations?

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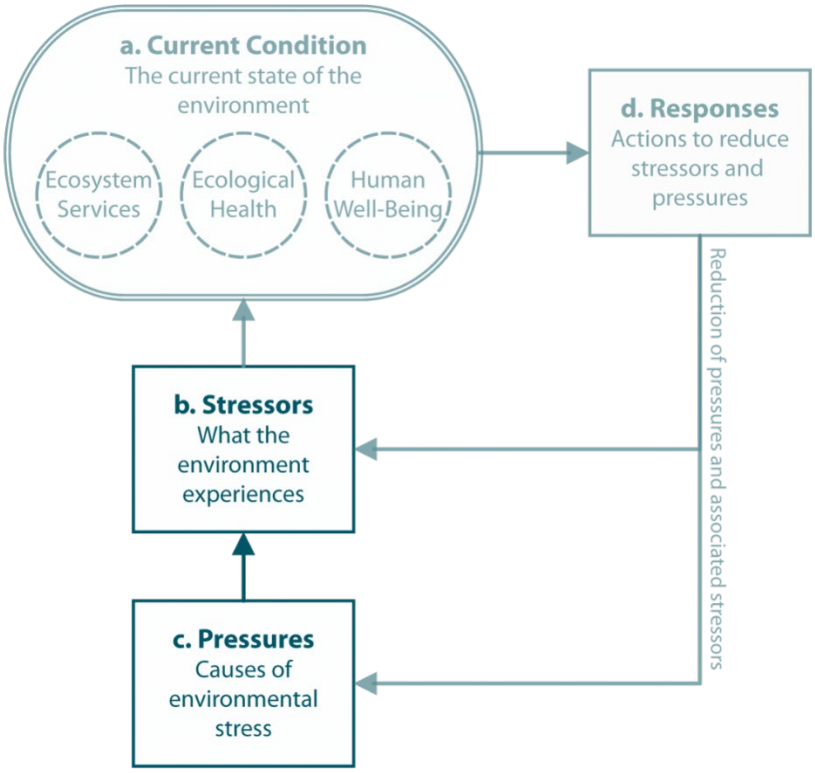
The Middle Texas Coast: Stressors and Pressures



Stressors are what the ecosystem directly experiences - the physical, chemical, or biological effects on an ecosystem. Stressors may involve natural attributes of a system that only become a stressor when there is a change in that attribute over time and space (for example, reduced freshwater inflow causing hypersalinity), or it may involve something novel to the ecosystem, such as the introduction of an invasive species.

Stressors are the resultant effects of **pressures.** Pressures may result from natural or anthropogenic sources, or even a mix. For example, water management that reduces freshwater flows (anthropogenic) and changes in precipitation patterns causing drought (natural)

both can produce a similar stressor (changes in the salinity regime of an estuary).

Stressors and pressure can be system-specific. For example, what may be a stressor to one ecosystem (such as a fire in a mangrove forest) may not be a stressor to another ecosystem (a fire in a grassland).

Below, we would like you to identify your level of concern regarding the following stressors on the Middle Texas Coast. Then, identify what you think are the pressures causing that stressor. For example, if you know the Middle Coast is experiencing gulf shoreline erosion, you would mark your level of concern for that issue. Then you would identify what you think are the causes of erosion - perhaps marking shoreline structures and sea level rise as the causes of that issue.

Please use the following scale to indicate your level of concern regarding the following stressors on the Middle Coast:

- ? = Not enough information to evaluate
- 0 = Not at all concerned
- 1 = Slightly concerned
- 2 = Moderately concerned
- 3 = Very concerned 4
- = Extremely concerned

Please identify (1) your level of concern for the following stressors on the Middle Coast and (2) the pressures causing that stressor.

The first column lists various stressors. In the second column, please rank your level of concern over that stressor. In the following columns, please select at least one pressure as a source if

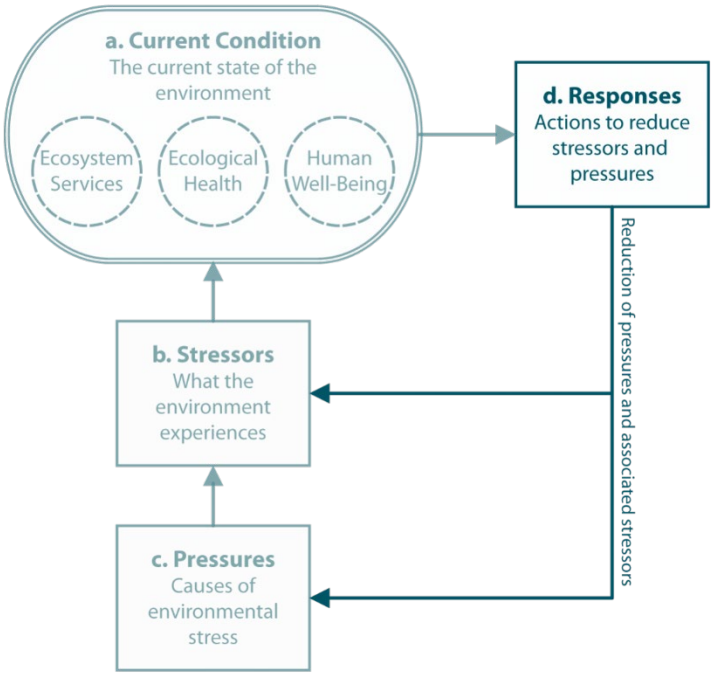
you have identified the given stressor as a concern. Choices are not ranked. You may type any additional pressures in the comment box below.

	Stressors Level of Concern						Pressure - Choice 1	Pressure - Choice 2	Pressure - Choice 3
	?	0	1	2	3	4			
Salinity Changes	O	O	O	O	O	O			
Invasive Species	O	O	O	O	O	O			
Degraded or Lost Oyster Reefs	O	O	O	O	O	O			
Storm Surge and Flood Damage	O	O	O	O	O	O			
GIWW Erosion	O	O	O	O	O	O			
Habitat Alteration, Degradation, or Loss	O	O	O	O	O	O			
Overfishing	O	O	O	O	O	O			
Loss of Seagrasses	O	O	O	O	O	O			
Bay Shoreline Erosion	O	O	O	O	O	O			
Changes in Nutrient Inputs	O	O	O	O	O	O			
Fragmented Land	O	O	O	O	O	O			
Wetland Alteration, Degradation, or Loss	O	O	O	O	O	O			
Chemical/Petroleum Spills	O	O	O	O	O	O			
Degraded Water Quality	O	O	O	O	O	O			
Harmful Algal Blooms	O	O	O	O	O	O			
Degraded or Lost Rookery Islands	O	O	O	O	O	O			
Gulf Shoreline Erosion	O	O	O	O	O	O			

Mariculture
Agriculture
Oil/Gas Extraction
Water management
Coastal Development
Shoreline Structures
Channelization
Land Use Change
Changes in Precipitation and/or Temperature
Sea Level Rise
Sediment Dynamics
Coastal Storms
Recreational Fishing
Commercial Fishing
Population Growth

Please type any comments or questions here. Examples could include additional stressors and/or pressures not listed here.

The Middle Texas Coast: Responses



Responses are potential solutions for reducing stressors and pressures, thereby improving the environment. In this survey, responses can be **societal approaches** (such as enhancing community resiliency, land acquisition, and land use management) or more ecological-focused **restoration and remediation approaches**, such as the restoration of freshwater flows and habitats or the clean up of a chemical spill.

The following questions will gauge your opinion on the level of importance regarding different

response strategies. Please use the following scale to indicate your level of priority regarding each response on the Middle Coast:

- ?= Not enough information to evaluate
- 0= Not at all important
- 1= Slightly important
- 2= Moderately important
- 3= Very important
- 4= Extremely important

Importance of Societal, Restoration, and Remediation Responses to Reduce Stressors on the Middle Texas Coas

How important do you think the following responses are to reduce stressors and pressures affecting the Middle Texas coast?

	?	0	1	2	3	4
Land Use Management	○	○	○	○	○	○
Environmental Education	○	○	○	○	○	○
Land Conservation	○	○	○	○	○	○
Land Acqusition	○	○	○	○	○	○
Enhancing Community Resiliency	○	○	○	○	○	○
Plant Seagrass	○	○	○	○	○	○
Restore Freshwater Flows	○	○	○	○	○	○
Increase Habitats	○	○	○	○	○	○
Remove Invasive Species	○	○	○	○	○	○
Replenish Living Coastal and Marine Resources	○	○	○	○	○	○
Stabilize Shorelines	○	○	○	○	○	○
Beneficial Use of Dredge Material	○	○	○	○	○	○
Restore Water Quality and Quantity	○	○	○	○	○	○
Remove Debris and Abandoned Structures and Vessels	○	○	○	○	○	○

Address Failing Septic Tanks	○	○	○	○	○	○
Improve Drainage	○	○	○	○	○	○

Comments/questions/additional responses not listed/specific locations?

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The Lower Texas Coast

For this survey, the Lower Texas Coast is comprised of the following counties and bay systems:

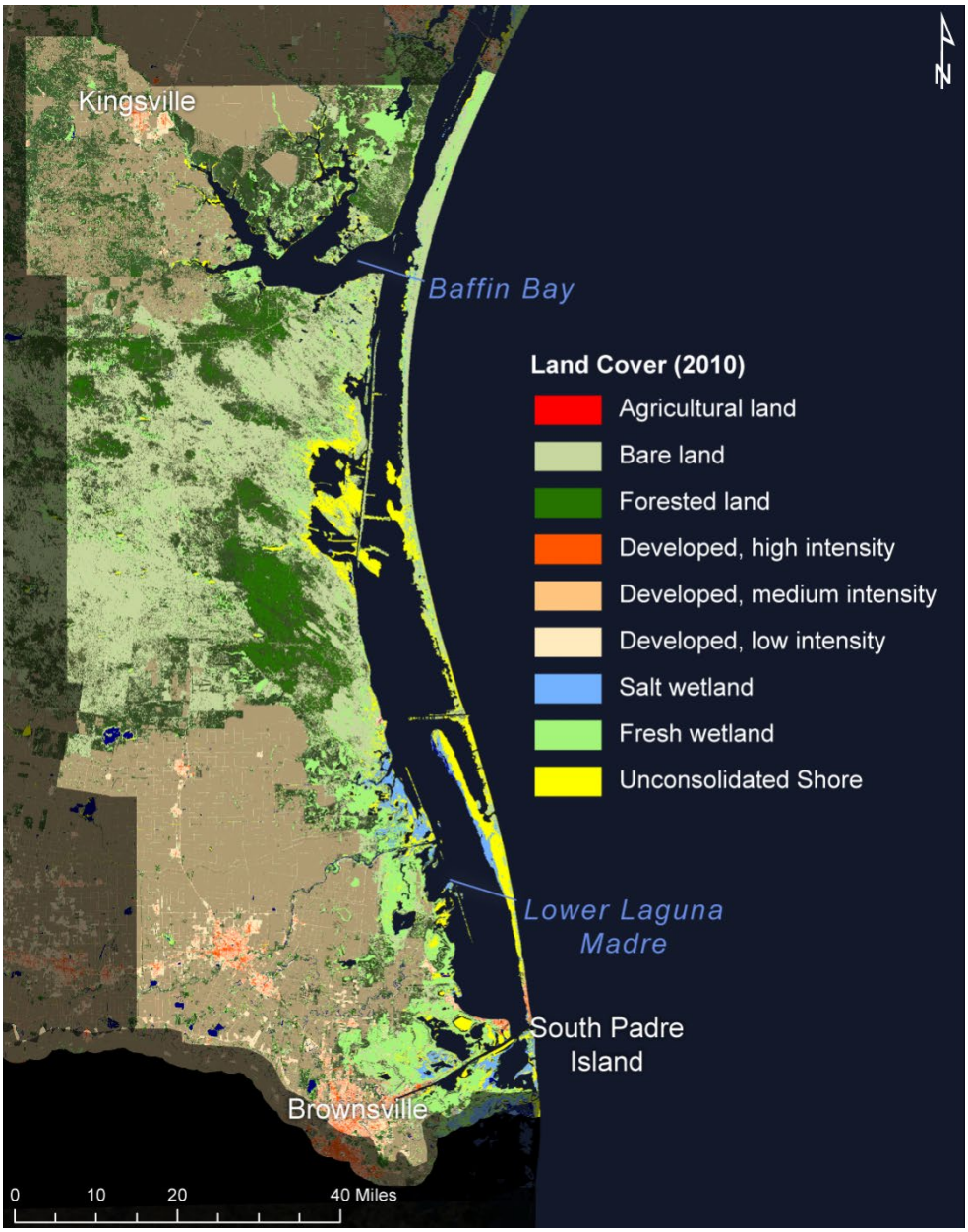
Counties

Cameron Kenedy Kleberg Willacy

Bay systems

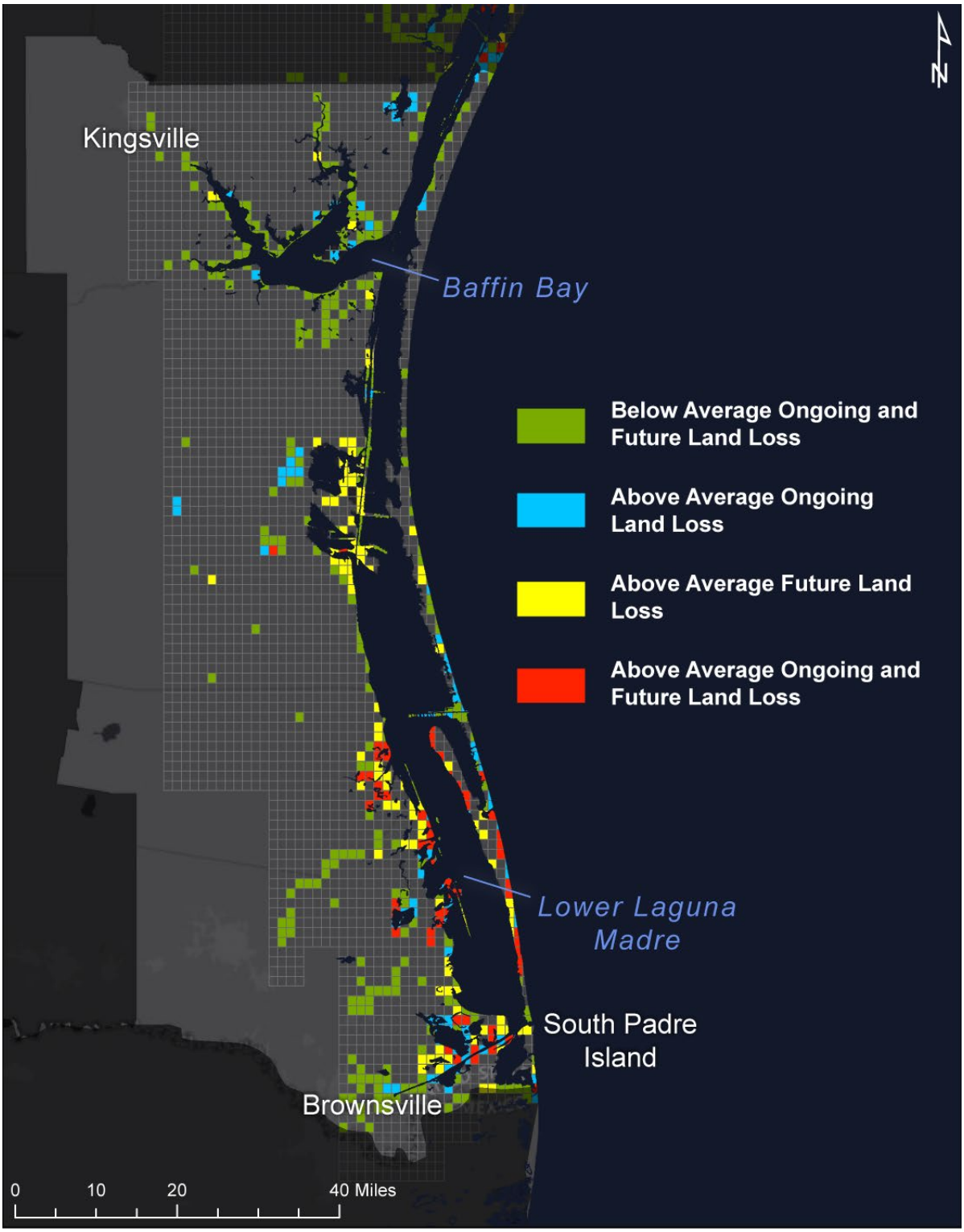
Baffin Bay Lower Laguna Madre

Land Cover



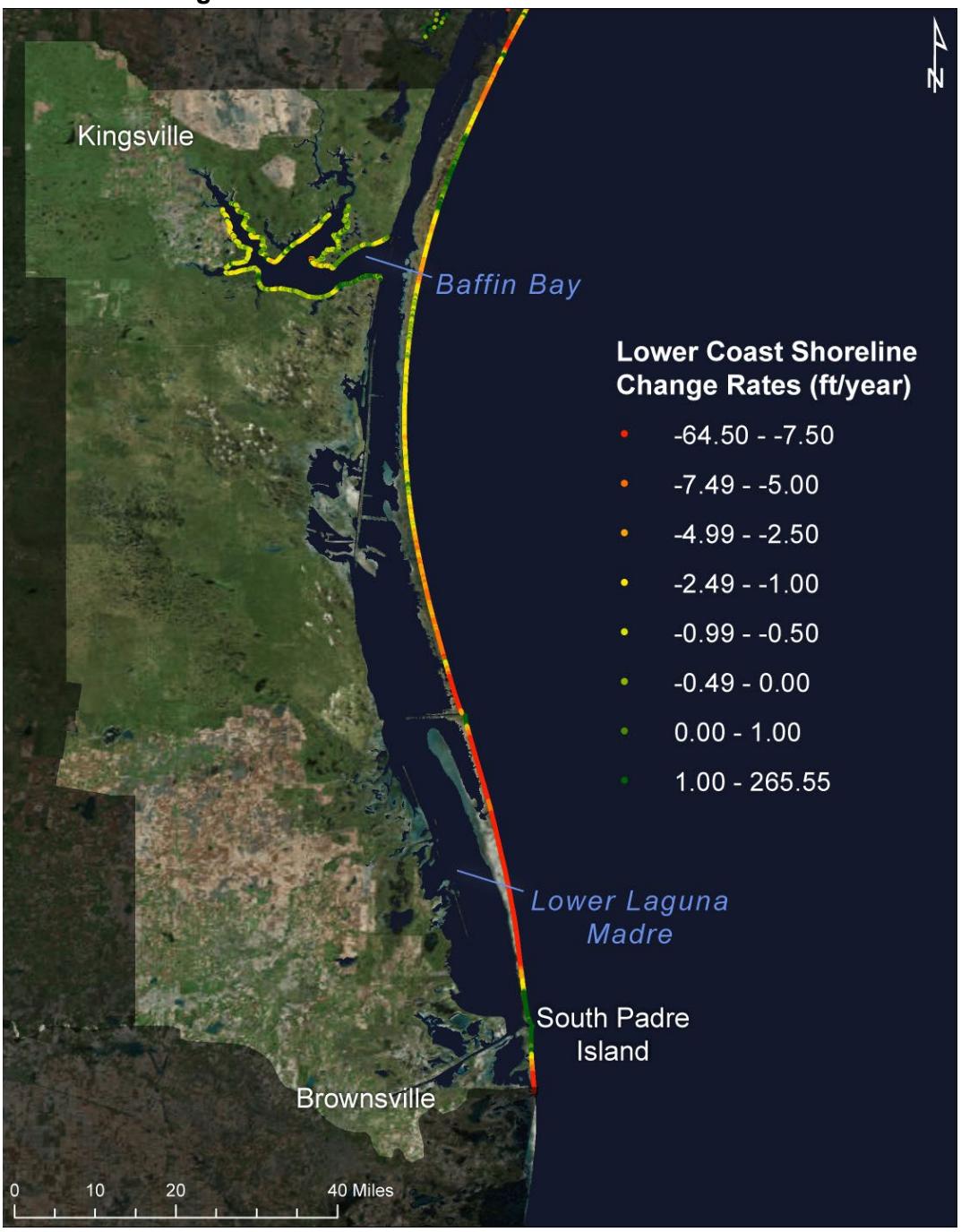
Data source: C-CAP

Land Loss



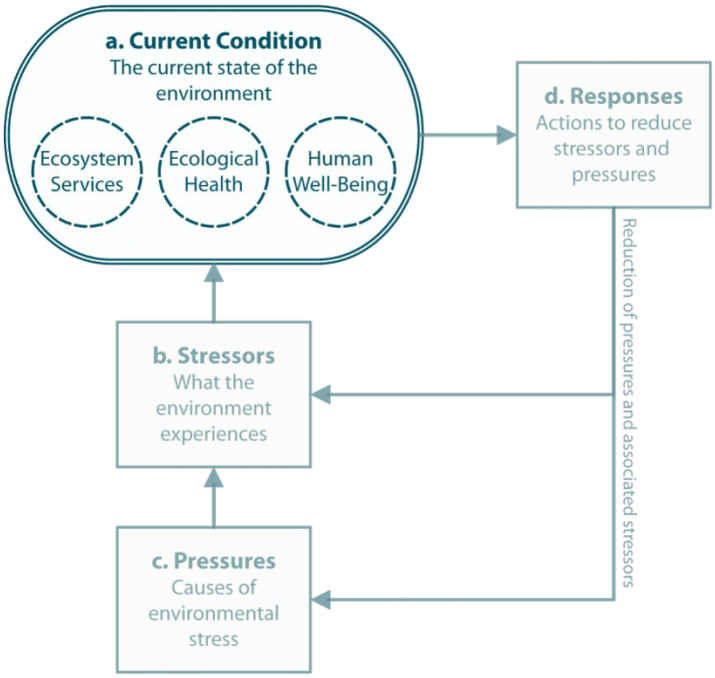
Ongoing land loss susceptibility is derived from the area of land lost to open water from 1984-2015 (source: Global Surface Water Explorer). Future land loss susceptibility is derived from the area of land lost due to relative sea level rise from 2007-2100 (1 meter global rise plus projected land surface changes) (source: Harte Research Institute). Blank squares indicate no ongoing loss or predicted future loss.

Shoreline Change Rates



Long-term historical shoreline change rates on the Lower Texas Coast. Shoreline dates range from 1950s to 2012.
Data source: Bureau of Economic Geology

The Lower Texas Coast: The Current Condition



The **Current Condition** is the state or "health" of the ecosystem as it stands presently. For this survey, we have divided the environment into 2 components:

- **Fish and Wildlife** - examples include marine mammals, bird populations, and endangered species
- **Habitats** - examples include wetlands, oyster reefs, and barrier islands

We would like to know where you think <u>the current condition compares negatively with the desired ecological condition</u>. For example, the desired ecological condition of **Fish and Wildlife** could be **sustainable fish and wildlife communities**, while the desired condition of **Habitats** could be **restored and productive habitats**. If the current condition does not reflect the desired condition, then indicate your level of concern for that species or habitat.

Please use the following scale to indicate your level of concern regarding the current condition of each environment on the Lower Coast:

- ? = Not enough information to evaluate
- 0 = Not at all concerned
- 1 = Slightly concerned
- 2 = Moderately concerned
- 3 = Very concerned
- 4 = Extremely concerned

The Current **Condition of Fish and Wildlife on the Lower Texas Coast**

What is your level of concern regarding the current condition of the following fish and wildlife? You can include specific locations and/or species in the text box below.

	?	0	1	2	3	4
Fisheries Populations	○	○	○	○	○	○
Avian Populations	○	○	○	○	○	○
Marine Mammals	○	○	○	○	○	○
Sea Turtles	○	○	○	○	○	○
Shellfish	○	○	○	○	○	○
Benthic Communities	○	○	○	○	○	○
Coastal Zone Wildlife (ex: reptiles, amphibians, land mammals)	○	○	○	○	○	○

Comments/questions/additional fish and wildlife not listed/specific locations?

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The Current Condition of Habitats on the Lower Texas Coast

What is your level of concern regarding the current condition of the following habitats?

	?	0	1	2	3	4
Saltwater Marshes	○	○	○	○	○	○
Mangroves	○	○	○	○	○	○
Oyster Reefs	○	○	○	○	○	○
Seagrasses	○	○	○	○	○	○
Coral Reefs	○	○	○	○	○	○
Barrier Islands	○	○	○	○	○	○
Freshwater Marshes	○	○	○	○	○	○
Swamps	○	○	○	○	○	○
Rookery Islands	○	○	○	○	○	○
Undeveloped Uplands	○	○	○	○	○	○
Prairies	○	○	○	○	○	○
Bottomland Hardwood Forests	○	○	○	○	○	○
Tidal Flats (Mud, Sand, Algal Mats)	○	○	○	○	○	○
Bayhead Deltas	○	○	○	○	○	○

Comments/questions/additional habitats not listed/specific locations?

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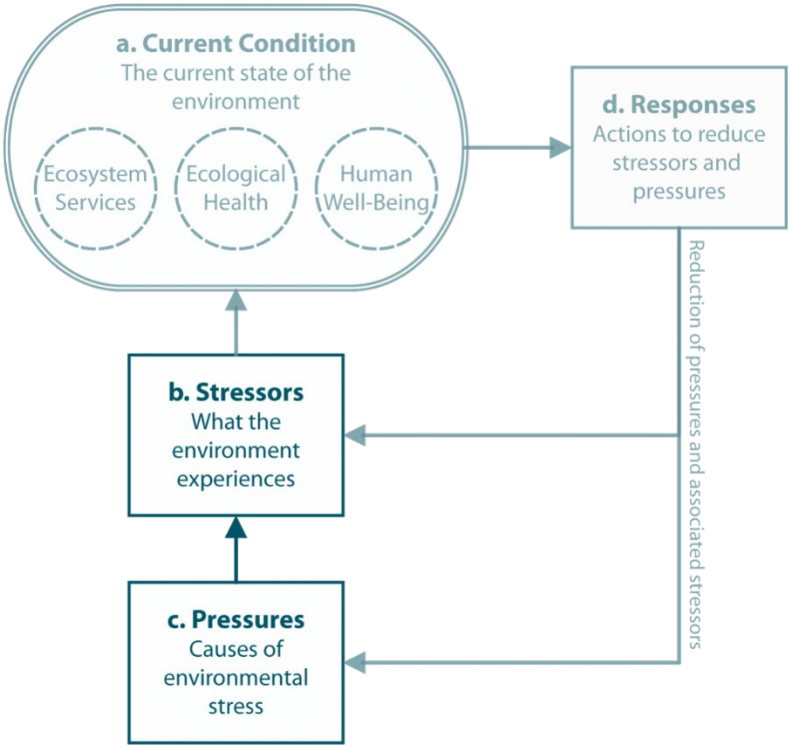
The Lower Texas Coast: Stressors and Pressures



Stressors are what the ecosystem directly experiences - the physical, chemical, or biological effects on an ecosystem. Stressors may involve natural attributes of a system that only become a stressor when there is a change in that attribute over time and space (for example, reduced freshwater inflow causing hypersalinity), or it may involve something novel to the ecosystem, such as the introduction of an invasive species.

Stressors are the resultant effects of **pressures.** Pressures may result from natural or anthropogenic sources, or even a mix. For example, water management that reduces freshwater flows (anthropogenic) and changes in precipitation patterns causing drought (natural) both can produce a similar stressor (changes in the salinity regime of an estuary).

Stressors and pressure can be system-specific. For example, what may be a stressor to one ecosystem (such as a fire in a mangrove forest) may not be a stressor to another ecosystem (a fire in a grassland).

Below, we would like you to identify your level of concern regarding the following stressors on the Lower Texas Coast. Then, identify what you think are the pressures causing that stressor. For example, if you know the Lower Coast is experiencing gulf shoreline erosion, you would mark your level of concern for that issue. Then you would identify what you think are the causes of erosion - perhaps marking shoreline structures and sea level rise as the causes of that issue.

Please use the following scale to indicate your level of concern regarding the following stressors on the Lower Coast:

- ? = Not enough information to evaluate
- 0 = Not at all concerned
- 1 = Slightly concerned
- 2 = Moderately concerned
- 3 = Very concerned
- 4 = Extremely concerned

Please identify (1) your level of concern for the following stressors on the Lower Coast and (2) the pressures causing that stressor.

The first column lists various stressors. In the second column, please rank your level of concern over that stressor. In the following columns, please select at least one pressure as a source if you have identified the given stressor as a concern. Choices are not ranked. You may type any additional pressures in the comment box below.

	Stressors Level of Concern						Pressure - Choice 1	Pressure - Choice 2	Pressure - Choice 3
	?	0	1	2	3	4			
Salinity Changes	O	O	O	O	O	O			
Invasive Species	O	O	O	O	O	O			
Degraded or Lost Oyster Reefs	O	O	O	O	O	O			
Storm Surge and Flood Damage	O	O	O	O	O	O			
GIWW Erosion	O	O	O	O	O	O			
Habitat Alteration, Degradation, or Loss	O	O	O	O	O	O			
Overfishing	O	O	O	O	O	O			
Loss of Seagrasses	O	O	O	O	O	O			
Bay Shoreline Erosion	O	O	O	O	O	O			
Changes in Nutrient Inputs	O	O	O	O	O	O			
Fragmented Land	O	O	O	O	O	O			
Wetland Alteration, Degradation, or Loss	O	O	O	O	O	O			
Chemical/Petroleum Spills	O	O	O	O	O	O			
Degraded Water Quality	O	O	O	O	O	O			
Harmful Algal Blooms	O	O	O	O	O	O			
Degraded or Lost Rookery Islands	O	O	O	O	O	O			
Gulf Shoreline Erosion	O	O	O	O	O	O			

Mariculture
Agriculture
Oil/Gas Extraction
Water management
Coastal Development
Shoreline Structures
Channelization
Land Use Change
Changes in Precipitation and/or Temperature
Sea Level Rise
Sediment Dynamics
Coastal Storms
Recreational Fishing
Commercial Fishing
Population Growth

Please type any comments or questions here. Examples could include additional stressors and/or pressures not listed here.

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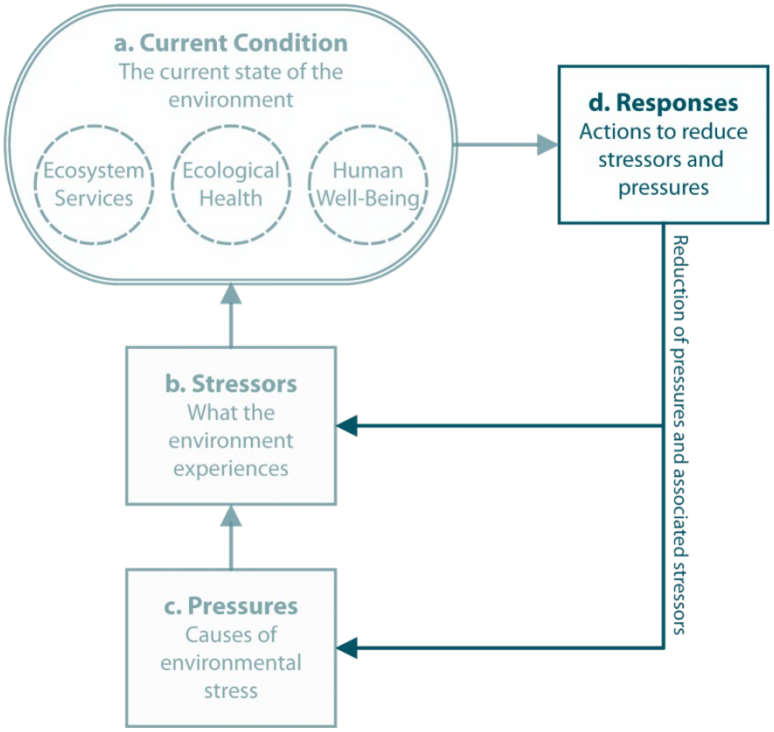
Lower Texas Coast: Responses



Responses are potential solutions for reducing stressors and pressures, thereby improving the environment. In this survey, responses can be **societal approaches** (such as enhancing community resiliency, land acquisition, and land use management) or more ecological-focused **restoration and remediation approaches**, such as the restoration of freshwater flows and habitats, or the clean up of a chemical spill.

The following questions will gauge your opinion on the level of importance regarding different response strategies. Please use the following scale to indicate your level of priority regarding each response on the Lower Coast:

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- 0= Not at all important
- 1= Slightly important
- 2= Moderately important
- 3= Very important
- 4= Extremely important

Importance of Societal, Restoration, and Remediation Responses to Reduce Stressors on the Lower Texas Coast

How important do you think the following responses are to reduce stressors and pressures affecting the Lower Texas coast?

	?	0	1	2	3	4
Land Use Management	○	○	○	○	○	○
Environmental Education	○	○	○	○	○	○
Land Conservation	○	○	○	○	○	○
Land Acqusition	○	○	○	○	○	○
Enhancing Community Resiliency	○	○	○	○	○	○
Plant Seagrass	○	○	○	○	○	○
Restore Freshwater Flows	○	○	○	○	○	○
Increase Habitats	○	○	○	○	○	○
Remove Invasive Species	○	○	○	○	○	○
Replenish Living Coastal and Marine Resources	○	○	○	○	○	○
Stabilize Shorelines	○	○	○	○	○	○
Beneficial Use of Dredge Material	○	○	○	○	○	○
Restore Water Quality & Qunatity	○	○	○	○	○	○
Remove Abandoned Debris, Structures & Vessels	○	○	○	○	○	○

Address Failing Septic Tanks	○	○	○	○	○	○
Improve Drainage	○	○	○	○	○	○

Comments/questions/additional responses not listed/specific locations?

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End of Survey

Thank you for your time and feedback. Please provide your name and contact information below. And please be aware, **once you advance to the next screen your answers will be submitted and you cannot go back to change any responses.**

May we contact you via email or phone for further clarification of any of your responses?

- ○ Yes
- ○ No

Name

_____

Affiliation/Organization

_____

Email Address

_____

Phone Number

_____

Any additional questions or comments?

_____

_____

_____

_____

_____

When you proceed to the next screen your responses will be submitted and you cannot make changes. If you do not proceed your answers will not be submitted. We thank you again for your time and participation.

TEXAS/TCEQ
COLLABORATION MEETINGS: B2 PLANNING
Thru June 2019

PUBLIC

DATE	TIME	LOCATION	PURPOSE	# of PARTICIPANTS
12.03.18	6:30 - 8:30	Brownsville	Input on priority areas	24
12.04.18	6:30 - 8:30	Corpus Christi	Input on priority areas	46
12.10.18	6:30 - 8:30	Galveston	Input in priority areas	37
05.30.19	6:00 - 8:00	Corpus Christi	Input on Planning Framework Document	50+

TEXAS/TCEQ WORK GROUP & OTHER MEETINGS

DATE	LOCATION	PURPOSE	PARTICIPANTS
05.23.18	Conference call	Discuss establish work group to collaborate on CPS & FPL 3	USFWS, Council, TPWD, EPA, GLO, NOAA, Corp, DM
06.21.18	Conference call	Update on SEP and contract discussions with HRI; update on MS Steering committee mtg; PE activities; updates from state and federal partners on related activities	USFWS, Council, TPWD, EPA, GLO, NOAA, Corp, Coast Guard, DOI, NRCS, TCEQ, DM
08.30.18	Conference call	Updates from participants and discussion of agenda for 9.20 in person meeting	USFWS, Council, TPWD, GLO, NOAA, Corp, DOI, TCEQ, DM
09.06.18	In person	Discussion on FPL 3	Officials from the State of Louisiana
09.20.18	In Person	Discussion on priority framework areas	USFWS, Council, TPWD, EPA, GLO, NOAA, Corp, USDA, DOI, NRCS, Parks Service, HRI, TCEQ, RESTORE Staff
10.04.18	Conference call	Discussion on notes from 09.20.18 meeting and the development of a template to compile, and appropriately characterize all information received	USFWS, Council, TPWD, EPA, NOAA, Corp, DOI, HRI, TCEQ, RESTORE Staff
11.15.18	Conference call	Discussion on survey results, extended deadline to respond, requested additional names to receive the survey, reminder about upcoming public meetings, as well as the Steering Committee mtg in TX	USFWS, Council, TPWD, EPA, NOAA, Corp, DOI, HRI, TCEQ, RESTORE Staff
11.16.18	In-person	Presentations by CB on process for development of Priority Framework Document and HRI on survey results. Discussion on priority areas	Ducks Unlimited; NWF; TNC; Bayou City Waterkeeper; Turtle Island Restoration

DATE	LOCATION	PURPOSE	PARTICIPANTS
			Network; Katy Prairie Conservancy; Audubon; Conservation Fund; Galveston Bay Foundation; Ocean Conservancy; CBBEP
01.15.19	In-person	Discuss potential Gulf-wide oyster reef project	TNC
01.17.19	Conference call	Presented survey results, provided information on the PFD, stated that the solicitation process for FPL3 projects is being developed and will be shared once finalized; and reminder about Steering Committee meeting in LA at end of Jan	TCEQ, USDA, TPWD, GLO, TCEQ, HRI & RESTORE Staff - conducted during fed gov shutdown
02.21.19	In-person mtg	Discussion of project ID process, revised timeline for PFD and public meeting and potential projects for Chenier Plains	State reps for NRDA & NFWF (GLO, TPWD, TCEQ), rep for GLO Coastal Master Plan, HRI, TCEQ RESTORE
03.05.19	Conference Call	Update on Council activities and Baker's project identification process	USFWS, Council, TPWD, EPA, NOAA, Corp, DOI, HRI, TCEQ, RESTORE Staff
03.08.19	Conference Call	Discussion on potential projects and planning meeting on Chenier Plain area	USFWS
03.10.19	In person	Discussion of project ID process, revised timeline for PFD and public meeting and potential projects for Chenier Plains	TNC
04.09.18	In person	Exploration of possible FPL3 project proposal addressing Chenier Plains	LA, USFWS, TPWD, GLO, NOAA, State Forest, RESTORE staff
04.18.19	In Person	Discussion requested by DOI on potential FPL3 projects	Baker, DOI, program staff

DATE	LOCATION	PURPOSE	PARTICIPANTS
04.29.19	Conference Call	Discussion on timeline change to submit pre-proposals for FPL 3 and related items	NRDA, NFWW, GLO, HRI, program staff
05.02.19	Conference Call	Discussion on timeline for proposals for FPL3 and possible proposals that the city/county/parish officials can submit	Chenier Plain Alliance, LA, program staff
05.07.19	In Person	Discussion requested by USDA on potential FPL3 projects and update on the agency's activities in Texas	Baker, program staff USDA, NRDS
5.22.19	Conference Call	Discussion of identification of pre-proposals for FPL3, public meeting and revised timelines	TPWD, TCEQ,GLO, USFWS, NOAA, USDA/NRCS, DRI, NPS, RESTORE Council
06.04.19	Conference call	Status of activities related t development of proposals addressing the Chenier Plains	Tim Richardson, DM & SL
06.12.19	In-person	Baffin Bay and potential Bucket 2/FPL3 funds	HRI; Rep. Lozano's staff; Kleberg Co Judge and contractors
06.14.19	Conference call	General issues related to development of FPL3 list	Coast Guard
06.25.19	Group E-mail	Provided evaluation form and material on potential FPL3 pre-proposals for evaluation	TPWD, TCEQ,GLO, USFWS, NOAA, USDA/NRCS, DRI, NPS, RESTORE Council

TEXAS/TCEQ CALLS/MEETINGS WITH CONSULTANT: HRI

06.15.18	Preliminary discussion about HRI & CPS grant
06.22.18	Initial discussions about the CPS grant
07.06.18	Discussion on development of SOW & budget
07.18.18	Discussion on public meetings
08.14.18	Discuss public meeting schedule and workgroup meetings
08.15.18	Discuss public meeting schedule and workgroup meetings
08.17.18	Discussion on contract language
08.22.18	Discussion on revised budget, public and work shop meetings and state/federal work group 9.20 mtg
09.06.18	Discussed: inventory of coastal plans and summary report; identification of work group participants; and format/timing for work group meetings
10.01.18	Discussed: public meeting agenda/format; review of initial inventory of plans; work group meeting timeline
10.10.18	Discussed template to use for compilation of material from the various work groups; discussed work group notifications; timeline for e-mail to be sent to NGOs for work group meeting & date for next SF workgroup and for the next conference call with HRI (10.24)
10.24.18	Discussed: revisions to draft survey to be sent to the various workgroups; timeline for finalizing and sending; information needed for contact kick-off meeting;
10.31.18	Discussed and finalized survey
11.20.18	Discussed next steps regarding Survey (completion and distribution); posting results in Jan on web site; providing results in mid-Dec to the two workgroups; HRI's presentation at public meetings
11.30.18	

	Finalize HRI's presentation for public meetings, discuss deliverables and update on Council Steering Committee meeting
12.19.18	Discussion on deliverables, status of information from survey, schedule call to discuss presentation or material to CB & Council requests
01.07.19	Discussion of priorities for meeting with CB and submission to Council. Also update on survey results
01.25.19	PFD, project solicitation process, public meetings; CofI plan
01.31.19	Continue discussion on project solicitation, project assessment and public meetings
02.19.19	Review of template for project submission information
02.21.19	Discussion of PFD & FPL3 Timelines and Project Id Process
03.11.19	Discussion of updated/revised PFD & FPL3 Timelines, Project Id Process & template and public meeting
04.15.19	Discussion of revised timeline for PFD, pre-proposal process, workgroup meetings & public meetings
05.16.19	Discussion of preproposal process; development of analysis tools, public meetings and timelines
06.07.19	Discussion on material to submit to workgroups for review of pre-proposals, and development of information for Baker on the proposals, also public meetings

EVALUATION: IDENTIFIED PROPOSAL FOR BUCKET 2

RESTORE THE TEXAS COAST
Coastal Restoration Funding for Texas from the Deepwater Horizon Oil Spill

PROJECT NAME: CLICK OR TAP HERE TO ENTER TEXT.
REVIEWER'S NAME: CLICK OR TAP HERE TO ENTER TEXT.

1.) How would you score this proposal in terms of priority?

NOT A PRIORITY	LOW	MODERATE	HIGH	HIGHEST
☐	☐	☐	☐	☐

2.) How would you score this proposal in how well it addresses the stated ecological problem?

DOESN'T ADDRESS	LOW	MODERATE	HIGH	HIGHEST
☐	☐	☐	☐	☐

3.) How would you score this proposal in how well it meets RESTORE Act priority criteria?

DOESN'T MEET CRITERIA	LOW	MODERATE	HIGH	HIGHEST
☐	☐	☐	☐	☐

4.) What is the feasibility of the proposal? For example, what is the likelihood of success for this proposal?

NOT FEASIBLE	LOW	MODERATE	HIGH	HIGHEST
☐	☐	☐	☐	☐

5.) Are there elements that could be adjusted to improve the priority, feasibility, or ecological impact of this proposal?

UNKNOWN	YES	NO	COMMENTS (OPTIONAL)
☐	☐	☐	

ADDITIONAL COMMENTS (OPTIONAL)

FPL 3 PRELIMINARY PROJECT IDENTIFICATION

RESTORE THE TEXAS COAST
Coastal Restoration Funding for Texas from the Deepwater Horizon Oil Spill

PROJECT SUMMARY

PROJECT TITLE	PROJECT LOCATION PROVIDE AT LEAST THE CITY OR COUNTY (PLEASE ALSO PROVIDE GIS FILE IF AVAILABLE)

PROJECT OVERVIEW: PLEASE PROVIDE A PROJECT DESCRIPTION, METHODS USED, AND ENVIRONMENTAL BENEFITS (2500 CHARACTERS MAX)

RISKS AND UNCERTANTIES: PLEASE DESCRIBE ALL RISKS AND UNCERTAINTIES ASSOCIATED WITH THIS PROJECT, INCLUDING SHORT AND LONG-TERM SUSTAINABILITY AND IMPACTS (1000 CHARACTERS MAX)

COMPREHENSIVE PLAN GOALS & PLANNING FRAMEWORK PRIORITIES

Please select the most applicable Comprehensive Plan Goal that this project fulfills. Please only select one.

☐ Goal 1:	Restore & Conserve Habitat	Restore and conserve the health, diversity, and resilience of key coastal, estuarine and marine habitats
☐ Goal 2:	Restore Water Quality and Quantity	Restore and protect the water quality and quantity of the Gulf Coast region's fresh, estuarine and marine waters
☐ Goal 3:	Replenish and Protect Living Coastal and Marine Resources	Restore and protect healthy, diverse, and sustainable living coastal and marine resources
☐ Goal 4:	Enhance Community Resilience	Build upon and sustain communities with capacity to adapt to short- and long-term changes

Please select the most applicable Priority Approaches from the Planning Framework Document (PFD) that apply to this project. You can find the PFD here *(insert link)*. This project must be aligned with the PFD to be considered. You may select multiple Priority Approaches.

☐	Create, restore and enhance coastal wetlands, barrier islands, barrier shorelines, and headlands	Techniques may include: sediment placement, protecting natural shorelines, and others
☐	Protect and conserve coastal, estuarine, and riparian habitats	Techniques may include: land acquisition, habitat management and stewardship, and others
☐	Restore hydrology	Techniques may include: restoring hydrologic connectivity, restoring natural salinity regimes, controlling freshwater/sediment diversions, and others
☐	Reduce excess nutrients/pollutants to watershed	Techniques may include: agriculture/forestry management, storm water management, erosion and sediment control, watershed system improvements, and others
☐	Restore oyster habitat	Techniques may include: substrate placement, living shorelines, enhancing spawning and reserves, and others

COST OF PROJECT & SCALABILITY

TOTAL COST	AMOUNT TO BE PAID BY RESTORE	AMOUNT FUNDED BY OTHER SOURCES	PLEASE EXPLAIN YOUR ANSWER EXAMPLES: WHO IS PROVIDING FUNDING? CASH OR IN KIND? WHAT IS THE LEVEL OF COMMITMENT?

SCALABILITY: CAN THIS PROJECT SCALE UP OR DOWN?	PLEASE EXPLAIN YOUR ANSWER
☐ Yes ☐ No	

ENVIRONMENTAL COMPLIANCE

Please be aware that any project to be considered for RESTORE funding must comply with specific environmental requirements. Those requirements are included in the following pages as part of the Environmental Checklist. Please describe in the box below requirements from the checklist that the project may need to address and the status of those efforts, if any. Outreach and planning projects are exempt from this requirement.

ENVIRONMENTAL COMPLIANCE STATUS