

Program Information Platform for Ecosystem Restoration (PIPER) Proposal System User Manual

2020

GULF COAST ECOSYSTEM RESTORATION COUNCIL

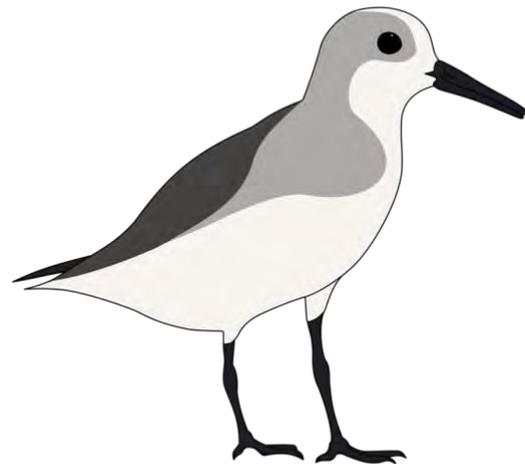


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Creating a Proposal

Step 1: Select the proposal tab at the top of the webpage. This will present you with two options: View Proposals and Create Proposal. Select Create Proposal to begin.

Selecting “Create Proposal” will bring you to the Proposal Editor, which includes a series of tabs, all of which will be explained in further detail in designated sections of this user manual. You may save your progress by clicking the green save button at the bottom of **each** page to enable you to return to your proposal if need be. You can **return to an incomplete proposal** by selecting “View Proposals” under the Proposals tab on the top of the webpage. Select the pencil icon next to the proposal you want to edit, allowing you to resume proposal creation.¹

¹ Note: For FPL 3B Proposals have been pre-populated using information provided by Council members in their Pre-proposal submissions. The appropriate proposal records should appear in your account when you log in. Many of the fields described throughout this instruction manual will be pre-populated in your proposal, but will also be editable.

General

The screenshot shows a web-based form for project proposals. At the top, there are tabs for 'General', 'Goals', 'Location', 'Narrative', 'Budget', 'Environmental', 'Uploads', and 'Submission'. The 'General' tab is active. The form contains the following fields and sections:

- Title:** A text input field containing 'Bliss Bay's Interim Annual Vegetation Restoration and Monitoring Program' (callout 1).
- Project Abstract:** A large text area containing a detailed description of the project, including the involvement of the Gulf State Department of Conservation and Natural Resources (GSDCNR) and the goals of the restoration and monitoring programs (callout 2). A character count at the bottom right indicates '666 of 1500 characters remaining'.
- FPL Category:** A dropdown menu with 'Cat: Implementation Only' selected (callout 3).
- Activity Type:** A dropdown menu with 'Program' selected (callout 4).
- Program:** A dropdown menu with 'Sample Program' selected (callout 5).
- Co-sponsoring Agency(ies):** A dropdown menu with 'Select one of the agencies' (callout 6).
- Is this a construction project?:** A checkbox that is currently unchecked (callout 7).
- Project Duration (in years):** A text input field with '5' entered (callout 8).
- RESTORE Act Priority Criteria:** A scrollable list of criteria. The visible items are:
 - (III) Projects contained in existing Gulf Coast State comprehensive plans for the restoration and protection of natural resources, ecosystems, fisheries, marine and wildlife habitats, beaches, and coastal wetlands of the Gulf Coast region.
 - (IV) Projects that restore long-term resiliency of the natural resources, ecosystems, fisheries, marine and wildlife habitats, beaches, and coastal wetlands most impacted by the Deepwater Horizon oil spill.(callout 9)
- Priority Criteria Justification:** A large text area containing a detailed justification for the project, mentioning the Bliss Bay NEP's Comprehensive Conservation Management Plan and the NOAA-funded Alabama Coastal Zone Management Program (callout 10). A character count at the bottom right indicates '1178 of 2000 characters remaining'.

A green 'Save' button is located at the bottom right of the form.

1. Title: Create a title for your proposal using 100 characters or less (including spaces).

2. Project Abstract: In 1500 characters or less, summarize the proposed project or program, including the following information:

- description of proposed activity
- anticipated environmental benefits
- location

- total cost (and amount of Council Selected Restoration Component funding being requested, if different than the total cost)
- timeline
- partners
- other information that might be needed to provide the reader with an overview of the proposed activity

Note: This section should be written for the general public. The language provided here may be used verbatim for fact sheets or other public facing documents.

Use the light grey square in the bottom right-hand corner of text box to pull down and expand to desired size for better visibility and ease of writing.

3. FPL Category: Indicate which category your proposal falls in. The Council will consider FPL 3 proposals from members that address planning or implementation phases, or both, of projects or programs. FPLs include activities in two categories. Category 1 activities must have documentation demonstrating that all applicable environmental laws have been addressed. Category 2 activities are not yet in a position to be approved by the Council due to additional permitting or planning needs. Please see [FPL 3 Submission Guidelines](#) for additional guidance regarding FPL categories.

4. Activity Type: Indicate whether the proposal is for an individual project or for a multi-activity program by selecting “Project” or “Program” from the drop-down menu. Please see the [FPL Submission Guidelines](#) for additional guidance regarding projects vs. programs.

5. Program: If the activity type selected is “program”, select the appropriate pre-populated FPL program from the drop-down list. If the activity type selected is “project”, skip this field. **Note:** This field should also be skipped if your program has not been submitted as part of the pre-proposal process.

6. Co-Sponsoring Agencies: Select all co-sponsoring agencies for this proposal. If there are none, this field may be left blank.

7. Check the box if the proposal is a construction project. **Note:** this box will need to be selected if you intend to include “Contingency” funding in your budget.

8. Project Duration (in years): Enter requested duration of the project/program award (i.e. number of years to complete the project/program). In your estimate, include time required for appropriate permitting, pre-construction and post-construction monitoring (if applicable).

9. RESTORE Act Priority Criteria: Proposed activities must meet at least one of the four RESTORE Act Priority Criteria. For each criterion selected you will need to provide a justification for your selection in the following field.

10. Priority Criteria Justification: Provide justification for how the proposed activity meets the RESTORE Act Priority Criteria selected in the previous field, using a maximum of 2000 characters, including spaces. Please see the [FPL 3 Submission Guidelines](#) for additional guidance for addressing these criteria.

Use the green save button at the bottom of the page to **save your progress and continue.**

If a required field is left empty, or if a field is occupied incorrectly, a red text will appear under the problem fields after clicking the green save button at the bottom of the page

Once you complete and save the General tab, you can navigate to any of the other tabs in the order that you wish.

Goals

The screenshot displays the 'Goals' tab of a web application. The navigation bar at the top includes tabs for General, Goals, Location, Narrative, Budget, Environmental, Uploads, and Submission. The 'Goals' tab is active. The form contains several dropdown menus:

- Primary Comprehensive Plan Goal:** A dropdown menu with the selected option 'Restore and Conserve Habitat' (circled 1).
- Primary Comprehensive Plan Objective:** A dropdown menu with the selected option 'Restore, Enhance, and Protect Habitats' (circled 2).
- Secondary Comprehensive Plan Goals:** A multi-select dropdown menu with 'Restore Water Quality and Quantity' selected (circled 3).
- Secondary Comprehensive Plan Objectives:** A multi-select dropdown menu with 'Restore, Improve, and Protect Water Resources' selected (circled 4).
- PF Restoration Technique(s):** A multi-select dropdown menu with 'Improve science-based decision-making processes: Increase environmental monitoring capacities' selected (circled 5).

A green 'Save' button is located at the bottom right of the form.

Your Comprehensive Plan Goals indicate which RESTORE Council goals you intend to address through your proposed activity. Your Comprehensive Plan Objectives are more specific actions that will lead to the achievement of the overall goal.

1&2. Primary: Select one primary goal and one primary objective for your proposal. Use the drop-down menus to select the **Primary Comprehensive Plan Goal** and the **Primary Comprehensive Plan Objective** that best describes your proposal. If you need additional guidance regarding Comprehensive Plan Goals (and objectives), see the [FPL 3 submission guidelines](#).

3&4. Secondary: If there are additional goals and objectives applicable to your proposal, use the fields titled “**Secondary Comprehensive Plan Goals**” and “**Secondary Comprehensive Plan Objectives**” to add any secondary goals and objectives your activity will address. Using the drop-down menus, you can add multiple secondary goals and objectives. If your activity does not address additional goals or objectives, skip these fields.

Note: Metrics and quantifiable targets will need to be identified for each Comprehensive Plan Goal associated with a proposed project or program. This includes primary and secondary goals.

5. PF Restoration Technique(s): Use the drop-down menu to select the appropriate restoration technique(s) for the proposed activity. Multiple techniques may be selected. Please reference the [2019 Planning Framework](#) for additional information on Council restoration techniques.

Use the green save button at the bottom of the page to **save your progress and continue**.

Location

General Goals **Location** Narrative Budget Environmental Uploads Submission

Location ⓘ
SAV restoration activities will take place in areas of active and historical presence of SAVs within upper and lower Bliss Bay. SAV extent and spe
114 of 350 characters remaining

HUC8 Watershed(s) ⓘ
South Atlantic Division of Region(Mobile-I ombigbee) - Mobile Bay- I ombigbee(Sucarnoochee) *

State(s) ⓘ
Ala *

County/Parish(es) ⓘ
AL - Baldwin * AL - Mobile *

Congressional District(s) ⓘ
AL - 1 *

Save

- 1. Location:** Describe the location for the proposed activity in 350 characters or less.
- 2. HUC8 Watershed(s):** Use the drop-down menu to select all HUC8 Watersheds your proposed activity involves.
- 3. State(s):** Use the drop-down menu to select the state(s) in which your proposed activity will take place.
- 4. County/Parish(es):** Use the drop-down menu to select the county/parish(es) in which your proposed activity will take place.
- 5. Congressional District(s):** Use the drop-down menu to select the congressional district(s) in which your proposed activity will take place.

Use the green save button at the bottom of the page to **save your progress and continue**.

Narrative

Note: Information entered below will be automatically saved if you navigate upward or downward in this tab. You can also choose to save your entries by selecting either of the green save buttons on the top right and bottom right of each page.

Introduction

General Goals Location **Narrative** Budget Environmental Uploads Submission

Note: Information entered below will be automatically saved if you navigate upward or downward in this tab. You can also choose to save your entries by selecting "Save" below.

Introduction	Introduction and Overview ⓘ	Save Introduction
Methods	<p>The Bliss Bay Submerged Aquatic Vegetation Restoration and Monitoring Project will protect and restore submerged aquatic vegetation (SAV) resources in coastal Gulf State. This project is part of a larger effort being undertaken in Gulf State and around the Gulf to protect and restore critically important SAV resources. Based on available data and existing literature, the Gulf of Mexico and adjoining estuaries have experienced widespread SAV losses compared to historical acreages. While improvements in water quality in recent decades have allowed SAVs to rebound in certain areas, restoration and protection efforts are still needed.</p>	
Environmental Benefits		
Metrics		
Risk		
Monitoring	<p>In coastal Gulf State, SAV mapping efforts were conducted in 1980, 1987, 1994, 2001, 2008 and 2009 (Vitor and Assoc., 2004 & 2009). Additionally, the Bliss Bay NEP conducted a historical analysis of SAV coverage in Bliss based on 1940s imagery and current mapping data (Vitor and Assoc., 2005). These studies and mapping efforts show wide scale losses in SAV coverage in Bliss Bay, especially along the eastern and western shorelines of Bliss Bay. However, the data also indicates large fluctuations in SAV coverage along upper Bliss Bay and Happy Sound over relatively short time spans. Further, an increase in sea grass coverage in lower Serene Bay over the last 20 years has been noted through interpretation of recent imagery and SAV mapping data.</p>	
Data Management		
Collaboration/PE		
Leveraging		
Environmental Compliance		
Federally-Recognized Tribes		
Bibliography		

8106 of 9500 characters remaining

[Save Introduction](#)

Provide an introduction and overview of the proposed project or program (in 9500 characters or less), including the following information:

- General description of the activity being proposed
- How the activity addresses the primary Comprehensive Plan goals and objectives identified
- How the activity advances the commitments set forth in the 2016 Comprehensive Plan update
- General description of anticipated environmental benefits
- Environmental stressor(s) being addressed

- Location
- Total cost (and amount of Council Selected Restoration Component funding being requested, if different than the total cost)
- Timeline
- Partners
- Description of how the proposed activity aligns with the FPL 3 Planning Framework (where it is applicable)
- Any other information that might be needed to provide the reader with a full understanding of the proposed activity

This section may briefly discuss and/or reference the specific considerations listed above that will be discussed in other sections of the proposal.

A primary purpose of this section is to make a clear case for how the proposed project or program meets the applicable Comprehensive Plan goal(s) and objective(s). Please see the [FPL 3 Submission Guidelines](#) for additional guidance on this section.

Use the light grey square in the bottom right-hand corner of text box to pull down and expand to desired size for better visibility and ease of writing.

Methods

General	Goals	Location	Narrative	Budget	Environmenta	Uploads	Submission
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Note: Information entered below will be automatically saved if you navigate upward or downward in this tab. You can also choose to save your entries by selecting "Save" below.

Introduction	Proposed Methods Save Methods
Methods	
Environmental Benefits	
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This project will be implemented by the Gulf State Department of Conservation and Natural Resources in partnership with the Perdido Island Sea Lab (PISL), Biloxi Bay National Estuary Program (BBNEP), The City of Orange Beach, and The Nature Conservancy (TNC). In order to address SAV losses in coastal Gulf State and to help gain a further understanding of SAV status trends and causes of the apparent fluctuations in SAV coverage, the Gulf State Submerged Aquatic Vegetation Restoration and Monitoring Project proposes three efforts: 1) implement restoration efforts in Lower Serene Bay, Hair County, AL; 2) conduct seed collection and sowing in Upper Biloxi Bay and Lower Biloxi Delta waters, and 3) continue and build on the Gulf State coastal SAV monitoring efforts that date back to 1980. Each of these efforts is described in detail below.

Lower Serene Bay has the most extensive acreage of homogeneous beds of shoal grass (*Halodule wrightii*) in coastal Gulf State. These beds can be found along the shorelines of Sun Bayou, Cruso Island, and on the surrounding shallow shoals. As noted above, mapping data and aerial imagery interpretation points to an overall increase in coverage of shoal grass in Lower Serene Bay in the last 17 years. However, there have been impacts in these beds, mainly from prop-scarring by motorized vessels. In response to these impacts, the GSNLR partnered with the City of Orange Beach, INL, and PISL to implement a seagrass protection and restoration project in Lower Serene Bay (Gulf of Mexico Foundation 2006). As part of this project, bird stakes, a proven method for prop scarp restoration (Kenworthy et al., 2000), were placed in prop scars, facilitating SAV recovery. Initially, certain areas have been designated as "No Motor" zones. In these zones, which are marked by navigational signage advising the public of the boundaries of no motor zones and the presence of seed projects, the use of inboard combustion engines is prohibited. Boaters may enter the zones, but only under trailing motor power or by use of paddles, poling, etc. These restrictions are enforced by the Gulf State Marine Police. Field observation indicated that these efforts have been successful in reducing the amount of prop scarring in the designated zones and that previously existing prop scars have healed. However, as with any signage placed on open water, navigational signs associated with the zones are occasionally lost to storms, vandalism and other factors. Additionally, even with the signage in place, prop-scarring still occasionally occurs.

In order to address these ongoing issues, Gulf State proposes the use of REBUILD Act funds to acquire additional bird stakes and to purchase additional signage as well as the installation of new bird stakes in prop scars as they are identified. Further, educational signage describing the importance of SAV will be placed at strategic locations around the adjacent waterways, including boat launches in the area. An educational brochure previously developed by TNC, PISL and the City of Orange Beach will also be re-printed annually for distribution to tourists and residents at various locations around the City. Both PISL and TNC currently hold USACE Nationwide Permits for this type of activity in this area. Additionally, this restoration project is considered a Permissible Use under Gulf State Coastal Area Management Program. As such, implementation funding is requested.

83 of 9500 characters remaining

Save Methods

Describe the proposed methods to be used in the project or program, and the reasons that the proposed methods were selected. All proposed methods should be justified using best available science (provide citations); methods may also be justified by other reasons (e.g., cost-effectiveness, technical feasibility). The character limit is 9500, including spaces.

Use the light grey square in the bottom right-hand corner of text box to pull down and expand to desired size for better visibility and ease of writing.

Environmental Benefits

General Goals Location **Narrative** Budget Environmental Uploads Submission

Note: Information entered below will be automatically saved if you navigate upward or downward in this tab. You can also choose to save your entries by selecting "Save" below.

Introduction	<p>Environmental Benefits </p> <p>SAV restoration and protection will provide additional critical nursery habitats for many commercially and recreationally fin-fish and shellfish species and their prey items. SAV also serves to improve water clarity by reducing sediment re-suspension. Healthy SAV beds also provide recreational fishing and snorkeling opportunities, potentially improving the local economy.</p> <p>While this proposal identifies projects specific to Gulf State, every Gulf state faces loss of SAV habitat. The proposed effort could serve as a pilot for a coordinated, Gulf wide effort to monitor and restore SAV resources.</p>	Save Environmental Benefits
Methods		
Environmental Benefits		
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1901 of 2500 characters remaining

Save Environmental Benefits

In addition to the discussion of anticipated environmental benefits in the Introduction section, provide a more detailed description of anticipated environmental benefits here. See the [FPL 3 Submission Guidelines](#) for additional guidance on this section. The character limit is 5000, including spaces.

Metrics

Identify metrics for evaluating project and program objectives, and describe how the project or program's success will be evaluated over time. The metrics identified for evaluating project/program objectives should align with the Comprehensive Plan goal(s) that the proposed project or program has identified, as well as any anticipated quantifiable environmental benefits. A list of metrics available for selection in PIPER is available [here](#) and in [Appendix A](#).

The Council acknowledges that additional planning, permitting, or other factors may result in changes to target outcomes for metrics. It is thus understood that targets identified for metrics in proposals are approximate and may be subject to change. Material revisions to targeted outcomes may require an FPL amendment (e.g., changes to project scope).

General Goals Location **Narrative** Budget Environmental Uploads Submission

Note: Information entered below will be automatically saved if you navigate upward or downward in this tab. You can also choose to save your entries by selecting "Save" below.

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Metrics ⓘ

Additional Metrics + Add Metric

COI104 : Economic benefits - # local contracts : Capacity, Outreach, Incentives Edit

Metric Target: 3 Delete

Description: PISL anticipates executing two professional service agreements over the project life to conduct the aerial survey and mapping tasks outlined in this project.

HR007 : Marine habitat restoration - Acres restored - SAV : Habitat Restoration Edit

Metric Target: 1000 Delete

Description: This metric has been selected because an expected outcome of this project is the comprehensive monitoring of SAV beds in coastal Gulf State.

PRM007 : Monitoring - Acres being monitored : Planning, Research, Monitoring Edit

Metric Target: 1000 Delete

Description: This metric has been selected because an expected outcome of this project is the monitoring of restored SAV beds in coastal Gulf State.

Custom Metric Create Custom Metric

1. Add Metric: Select "+Add Metric" and a small window will appear. Use the drop-down menu to select an applicable metric for your proposal. Metrics are added one at a time.

5

Add Metric

Metrics

CO1104: Economic benefits - # local contracts : Capacity, Outreach, Incentives

Target

3

Narrative

PISL anticipates executing two professional service agreements over the project life to conduct the aerial survey and mapping tasks outlined in this project.

1342 of 1500 characters remaining

Close Save Changes

2. Metrics: Identify metrics for evaluating project and program objectives, and describe how the project or program’s success will be evaluated over time. The metrics identified for evaluating the project/program objectives should align with the Comprehensive Plan goal(s) that the proposed project or program has identified, as well as any anticipated quantifiable environmental benefits.

3. Target: Enter the estimated numerical target outcome for this metric (e.g., 250). The Council acknowledges that additional planning, permitting, or other factors may result in changes to target outcomes for metrics. It is thus understood that targets identified for metrics in proposals are approximate and may be subject to change. **Note:** If an appropriate metric is not available in the drop-down list provided, proposals may identify one unique metric per proposal, which can be done in another section of the previous page. A list of available metrics in PIPER can be found at https://www.restorethegulf.gov/sites/default/files/20200214_PlanningFrameworkMetrics.pdf.

4. Narrative: Describe how the metric identified will be used to evaluate the project or program’s success over time. The character limit is 1500, including spaces.

Use the light grey square in the bottom right-hand corner of text box to pull down and expand to desired size for better visibility and ease of writing.

Click **Save Changes**

Repeat the above process for adding metrics until you have added all applicable metrics for your proposal. You can edit or delete any metric after it has been added using the blue and red buttons associated with each added metric.

5. Custom Metric: If an appropriate metric for your activity is not available in the drop-down list provided, *one* unique metric per proposal may be identified. Click the “Create Custom Metric” button to begin creating a custom metric.

The image shows a web form titled "Custom Metric" with a close button in the top right corner. The form contains six input fields, each with a numbered callout (1-6) pointing to it:

- 1. TextID:** A text input field for the proposed name of the metric.
- 2. Target:** A text input field for the estimated numerical target outcome.
- 3. PF Approach:** A text input field for the Planning Framework approach.
- 4. Technique:** A text input field for the technique used.
- 5. Units:** A text input field for the units of the metric.
- 6. Narrative:** A larger text area for a descriptive narrative.

At the bottom of the form are two buttons: "Close" (grey) and "Save changes" (green).

1. TextID: Enter the proposed name for the new metric (e.g., # Acres Restored).

2. Target: Enter the estimated numerical target outcome for this metric (e.g., 250). The Council acknowledges that additional planning, permitting, or other factors may result in changes to target outcomes for metrics. It is thus understood that targets identified for metrics in proposals are approximate and may be subject to change.

3. PF Approach: Enter the Planning Framework approach associated with this proposed metric. If no Planning Framework approach aligns with this metric, type in “Other”.

4. Technique: Enter the Planning Framework technique associated with this proposed metric. If no Planning Framework technique aligns with this metric, type in “Other”.

5. Units: Enter the units for this metric (e.g., Acres).

6. Narrative: Describe how the metric identified will be used to evaluate the project or program’s success over time. The character limit for each metric is 1500, including spaces.

Click **Save Changes**

If you want to edit your custom metric once it has been saved, click the “Update” button to edit existing metric information.

Risk

General Goals Location **Narrative** Budget Environmental Uploads Submission

Note: Information entered below will be automatically saved if you navigate upward or downward in this tab. You can also choose to save your entries by selecting "Save" below.

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Risk and Uncertainties

GSDCNR and its project partners have successfully implemented a seagrass protection and restoration project in lower Serene Bay. The proposed lower Serene Bay project will build upon these efforts. Additionally, Vallisneria seed collection and sowing projects have been successful in other locations (see "Research" at: <https://www.pisl.org/about/faculty/kheck>). In 2011, GSDCNR funded a pilot Vallisneria seed collection project conducted by the DISL which was successful at germinating collected seeds in a controlled setting. Additionally, as a result of the study conducted by PISL, it appears that there is a viable readily available seed source in the Vallisneria beds of upper Mobile Bay. Finally, GSDCNR and BBNEP have successfully completed SAV mapping projects in 2001, 2008/2009, and 2015. Based on these factors, the uncertainties and risks associated with this project are relatively low, and contingencies are in place. Transplanting a limited number of plugs grown at the lab from healthy Vallisneria beds may be considered in the unlikely event collected seeds are not viable. The aerial survey timeframe factors inlement weather and allows time to collect necessary data around unfavorable sampling conditions.

3/72 of 5000 characters remaining

Save Risk

Save Risk

Using best available science, summarize risks and uncertainties associated with the proposed activity, along with proposed measures to mitigate such risks and uncertainties. In general, risks and uncertainties should be considered in both the near- and long-term, and with respect to the anticipated lifespan of the proposed project/program. This section may provide perspective on such risks and uncertainties relative to the potential benefits of the proposed project or program. For example, a long-term risk to the project/program posed by sea level rise might be offset by the potential near- and mid-term environmental benefits of the activity. Conversely, a potential benefit to the proposed project/program might be the mitigation of future risks associated with sea level rise, subsidence, and/or storms. The character limit is 9500, including spaces.

Use the light grey square in the bottom right-hand corner of text box to pull down and expand to desired size for better visibility and ease of writing.

Monitoring



Note: Information entered below will be automatically saved if you navigate upward or downward in this tab. You can also choose to save your entries by selecting "Save" below.

Introduction	<h3>Monitoring and Adaptive Management ⓘ</h3> <p>Save Monitoring</p> <p>As part of this project, the PISL will inventory prop scars within the Halodule sea grass beds in the project area using existing aerial imagery and field surveys and then repair, replace and/or add additional bird stakes to restore existing prop scars. These efforts will take place annually during the project life. During each monitoring event, the PISL will document the number and total linear feet of new prop scars observed, the condition of previously documented prop scars (linear feet recovered, partially recovered, and/or no recovery), the number of bird stakes present, number of bird stakes missing, and the number of bird stakes repaired or replaced. This will include annual maintenance and replacement of seagrass protection zone signage and installation of new bird stakes in prop scars as they are identified.</p> <p>Aerial digital ortho-imagery of coastal waters will be obtained during two mapping events, approximately 2-3 years apart, depending on suitability of water conditions, weather, and tides during the SAV growing season (May-October). Aerial surveys are expected to take place in 2019 and 2022. Aerial imagery will be analyzed to determine SAV coverage and GIS shapefiles of coverage, with species composition noted for each polygon, will be developed. Imagery acquisition, imagery analysis, and field work to ground-truth SAV species and coverage will be conducted in accordance with NOAA protocols. A report on SAV coverage, species composition, and status and trends will be developed from each monitoring event.</p> <p>957 of 2500 characters remaining</p>
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Environmental Benefits	
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Describe the type and duration (e.g., number of years post-construction) of monitoring that will be undertaken and the adaptive management strategies that may be implemented, as needed, to improve project performance and decision criteria. Monitoring types could include monitoring for compliance, construction, research support, adaptive management, and other surveys, etc. Discuss how monitoring will support the identified project metrics, and provide citations for relevant monitoring protocols. Members are encouraged to consider existing monitoring guidelines (e.g. NRDA MAM Manual, Council ODP Guidance) when describing plans for project/program monitoring and adaptive management.

The character limit is 2500, including spaces.

Use the light grey square in the bottom right-hand corner of text box to pull down and expand to desired size for better visibility and ease of writing.

Data Management



Note: Information entered below will be automatically saved if you navigate upward or downward in this tab. You can also choose to save your entries by selecting "Save" below.

Introduction	<p>Data Management ⌵ Save Data Management</p> <p>Types of environmental data and information that will be created: The Gulf State SAV Restoration and Monitoring Project will collect the following types of data during the course of the project:</p> <ul style="list-style-type: none">-Digital Aerial Ortho-imagery (2 collections over 5 years)-Mapping of SAV extent and species composition <p>Restoration project monitoring data</p> <p>b. Standards to be used for data/metadata format and content: Aerial imagery and SAV mapping data will be collected in a manner consistent with previous collections so that datasets can be compared for status and trends analysis. Geospatial data and metadata will adhere to the standards of Federal Geographic Data Committee (FGDC) or the current federally mandated metadata format.</p> <p>c. Policies addressing data stewardship and preservation: All data generated by this project will be stored by the GSDCNR in accordance with applicable record and data retention policies.</p> <p>d. Procedures for providing access, sharing, and security: All data generated by this program will be made available through the PISL, GSDCNR, IFC and other project partners. Data will be made publicly available through existing online portals. Updates on project status as well as data gathered will be posted on GSDCNR's website. Where feasible, data gathered will be made available through existing online portals at GSDCNR or with partnering agencies and, even where not feasible, all data gathered will be available to the public upon request.</p> <p>42 of 1500 characters remaining</p> <p>Save Data Management</p>
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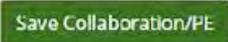
Provide an overview of the plan for data management and data sharing for the proposed project/program. This description could include a discussion of the data management protocols to be used, policies for addressing data stewardship and preservation, and procedures for providing public access to project/program data. The character limit is 1500, including spaces.

Use the light grey square in the bottom right-hand corner of text box to pull down and expand to desired size for better visibility and ease of writing.

Collaboration/Public Engagement

General	Goals	Location	Narrative	Budget	Environmental	Uploads	Submission
---------	-------	----------	------------------	--------	---------------	---------	------------

Note: Information entered below will be automatically saved if you navigate upward or downward in this tab. You can also choose to save your entries by selecting "Save" below.

Introduction	Collaboration 	
Methods	Several federal, state, academic, and NGO partners have actively pursued SAV restoration and monitoring in Coastal Alabama. TNC, PISL, and the City of Purple Beach have been actively involved in seagrass restoration and protection in lower Serene Bay.	
Environmental Benefits		
Metrics		
Risk		749 of 1000 characters remaining
Monitoring	Public Engagement, Outreach, and Education 	
Data Management	The Lower Serene Bay project will include the placement of educational signage describing the importance of SAV at strategic locations around the adjacent waterways. Additionally, an educational brochure previously developed by TNC, PISL and the City of Purple Beach will be re-printed annually for distribution to tourist and residents at various venues around the coast.	
Collaboration/PE		
Leveraging	Further, the GSDCNR and its project partners will promote the importance of SAV at events such as the PISL Discovery Day, Earth Day Bliss Bay, National Shrimp Festival at the PISL Estuarium, at TNC education and outreach events and in the City of Purple Beach's Environmental Education Program. Existing outreach resources will be utilized (e.g., Bliss Bay National Estuary Program, Days Bay National Estuarine Research Reserve).	
Environmental Compliance		1695 of 2500 characters remaining
Federally-Recognized Tribes		
Bibliography		

Collaboration: As applicable, describe how collaboration was used to identify, develop, and/or refine the proposed project/program. If applicable, the proposal should also include a description of the partnerships that will be used to advance the proposed project/program. The character limit is 1000, including spaces.

Public Engagement, Outreach, and Education: Proposals should describe public engagement activities and stakeholder input that was considered in the selection of potential activities. The character limit is 2500, including spaces.

Use the light grey square in the bottom right-hand corner of text box to pull down and expand to desired size for better visibility and ease of writing.

Leveraging

General Goals Location **Narrative** Budget Environmental Uploads Submission

Note: Information entered below will be automatically saved if you navigate upward or downward in this tab. You can also choose to save your entries by selecting "Save" below.

Introduction	Leveraging
Methods	
Environmental Benefits	
Metrics	
Risk	
Monitoring	
Data Management	
Collaboration/PE	
Leveraging	
Environmental Compliance	
Federally-Recognized Tribes	
Bibliography	

+ Add Leveraging

Funds: \$100,000	Source: NOAA	1 Edit Delete
Type: Bldg on Others	Source Type: Other Federal	
Status: Proposed		
Description: Leveraged NOAA funds will be used to develop a pilot application to demonstrate how the GS SAV Restoration and Monitoring project can be scaled to the entire Gulf Region.		
Comments: This would be a deliverable of another RESTORE FPL Project.		

Funds: \$200,000	Source: CIAP	Edit
Type: Adjoining	Source Type: Other Federal	Delete
Status: Received		
Description: In 2014, the PISL increased the pilot Vallisneria growing study to a full mesocosm scale using \$200,000 of Coastal Impact Assistance Program funds distributed by the Hair County Commission.		
Comments:		

This section of the proposal module captures information on any resources that may be leveraged with this proposal (if applicable). Leveraged funds can either described as “Co-funding,” “Adjoining,” or “Builds on Other Resources.” See the [FPL 3 Submission Guidelines](#) and the “Type” descriptions below for additional information on leveraging types.

In order to add a leveraged resource click “+Add Leveraging” and a small window will appear. Leveraging opportunities are added one at a time.

The image shows a 'Leveraging' form with the following fields and callouts:

- 1:** Funds (text input field)
- 2:** Type (dropdown menu with "--Select Type--")
- 3:** Source (text input field)
- 4:** Source Type (dropdown menu with "--Select Source Type--")
- 5:** Status (dropdown menu with "--Select Status--")
- 6:** Description (text area)
- 7:** Comments (text area)

At the bottom of the form are two buttons: "Close" and "Save Changes".

1. Funds: Enter the total leveraged funding amount for the funding source described below. **Note:** Decimal value cannot have more than 2 digits after the decimal

2. Type: Use the drop-down menu to select the type of leveraging you are describing. The types of funding available are:

- Co-funding = Costs will be shared across funding from two or more sources. The leveraged funding from all sources is required in order to achieve the project or program objective;
- Adjoining = Activities are proposed in a location that adjoins another existing or proposed project;
- Builds on other work = The project builds upon activities completed or ongoing as part of other projects or programs but is not captured by either of the other two types of leveraging.

3. Source: Indicate the name of the agency/organization providing the leveraging funds.

4. Source Type: Use the drop-down menu to select the source type for the resources that may be leveraged with your proposed activity. The options for Source type are: Other Federal (i.e. Other than RESTORE Council), State, Local Funder, Corporate/For Profit, Not for Profit, Other

5. Status: Use the drop-down menu to select the status of the leveraged funds being described. Options are: Proposed (funds that have been proposed and may be provided if the proposal is awarded), Committed (funds that have been committed to be received for the proposed activity), and Received.

6. Description: Provide a brief narrative for the leveraging funding you are including with your proposal.

7. Comments: Provide any additional comments you would like to provide for this leveraging description (if applicable).

Use the light grey square in the bottom right-hand corner of each text box to pull down and expand to desired size for better visibility and ease of writing.

You can **edit or delete** any leveraging opportunity after it has been added using the blue and red buttons associated with each leveraging opportunity.

Environmental Compliance

General Goals Location **Narrative** Budget Environmental Uploads Submission

Note: Information entered below will be automatically saved if you navigate upward or downward in this tab. You can also choose to save your entries by selecting 'Save' below.

Introduction	<p>Environmental Compliance </p> <p>In Gulf State, the gathering of SAV seeds in a non-destructive manner is not subject to regulatory requirements. Additionally, this restoration project is considered a Permissible Use under Gulf State Coastal Area Management Program. No USACE permit is required for seed gathering or sowing. Seeding plots will be marked in a non-permanent manner using biodegradable natural materials, which will not require USACE permits.</p> <p>The Department of Interior (DOI) has advised the Council that the SAV restoration and monitoring activities have independent utility and would be covered by DOI National Environmental Policy Act (NEPA) Categorical Exclusions (CEs) for reintroduction or supplementation of native species and nondestructive data collection. (Though related, the SAV monitoring program is a coast wide activity that could proceed independent of the SAV restoration activities.) The DOI has advised the Council that the subject CEs cover the subject activities, and that there are no extraordinary circumstances. The Council is using these CEs for these activities, consistent with Section 4(d)(4) of the Council's National Environmental Policy Act (NEPA) Procedures, which enables the Council to use member CEs, where appropriate. Based on information provided by DOI, the Council has also considered potential extraordinary circumstances, including potential negative effects to threatened and endangered species, essential fish habitat, Tribal interests and historic properties, where applicable, and has determined that no such circumstances apply.</p> <p>942 of 2500 characters remaining</p>	Save Environmental Compliance
Methods		
Environmental Benefits		
Metrics		
Risk		
Monitoring		
Data Management		
Collaboration/PE		
Leveraging		
Environmental Compliance		
Federally-Recognized Tribes		
Bibliography		

Provide an overview of the Environmental Compliance documentation that will be updated as part of this proposal (See the [FPL 3 Proposal Submission Guidelines](#) for an explanation of the needed information relative to the type of project/program being proposed). The character limit is for this section 2500, including spaces. **Note:** The Environmental Compliance checklist form located under the “Environmental” tab must be completed as well.

Use the light grey square in the bottom right-hand corner of each text box to pull down and expand to desired size for better visibility and ease of writing.

Federally-Recognized Tribes

General Goals Location **Narrative** Budget Environmental Uploads Submission

Note: Information entered below will be automatically saved if you navigate upward or downward in this tab. You can also choose to save your entries by selecting "Save" below.

Introduction	Does this project benefit tribal lands? 	<input type="button" value="Save Federally-Recognized Tribes"/>
Methods	No 	
Environmental Benefits	Federally-Recognized Tribes	
Metrics	Select Some Options 	
Risk		<input type="button" value="Save Federally-Recognized Tribes"/>

1. Is this proposal submitted on behalf of a Federally-recognized tribe?: Use the drop-down menu to select yes or no. If you selected yes, move on to the next drop-down menu. If you selected no, you have completed this page and can continue to the "Bibliography" tab.

2. Federally Recognized Tribes: Use the drop-down menu to select all Federal Tribes associated with the proposed activity. Multiple tribes may be selected.

Bibliography

General Goals Location **Narrative** Budget Environmental Uploads Submission

Note: Information entered below will be automatically saved if you navigate upward or downward in this tab. You can also choose to save your entries by selecting "Save" below.

Introduction **Bibliography** Save Bibliography

Methods

Environmental Benefits

Metrics

Risk

Monitoring

Data Management

Collaboration/PE

Leveraging

Environmental Compliance

Federally-Recognized Tribes

Bibliography

Barry A. Vittor & Associates, Inc., 2004. Mapping of submerged Aquatic Vegetation in Mobile Bay and Adjacent Waters of Coastal Alabama in 2002. Prepared for the Mobile Bay National Estuary Program, Mobile, AL.

Barry A. Vittor & Associates, Inc., 2005. Historical SAV Distribution in the Mobile Bay National Estuary Program Area and Ranking Analysis of Potential SAV Restoration sites. Prepared for the Mobile Bay National Estuary Program, Mobile, AL.

Barry A. Vittor & Associates, Inc., 2009. Mapping of Submerged Aquatic Vegetation in Mobile Bay and Adjacent Waters of Coastal Alabama in 2008 and 2009. Prepared for the Mobile Bay National Estuary Program, Mobile, AL.

Florida Fish and Wildlife Commission. 2003. Conserving Florida's seagrass resources: developing a coordinated statewide management program. Florida Wildlife Research Institute, St. Petersburg, FL pp. 39 + appendices.

Fredette, T.J., R.J. Diaz, J. van Ventforts, and R.J. Orth. 1990. Secondary production within a seagrass bed (*Zostera marina* and *Ruppia maritima*) in lower Chesapeake Bay. *Estuaries* 13(4): 431-440.

Gulf of Mexico Foundation. 2006. Robinson Island Restoration and Protection: Baldwin County Alabama. <http://www.gulfmex.org/archive/crp/5302.htm>

Handley, L.R. 1995. Seagrass distribution in the northern Gulf of Mexico. Pages 273-275 in E.T. LaRoe, G.S. Farnies, C.E. Puckett, P.D. Doran, and M.J. Mac, editors. *Our Living Resources: a report to the nation on the distribution, abundance, and health of US plants, animals, and ecosystems*. US Department of the Interior, National Biological Service, Washington, DC.

Kerwathly, W.J., G.W. Taylor, and M.S. Fuisset. 1986. The utilization of seagrass meadows by fishery organisms, p. 548-550 in *The ecology and management of wetlands*, Vol. 1. D.D. Hook, W.H. McKee, Jr., H.K. Smith et al. (eds.) Timber Press, Portland, OR.

2640 of 4500 characters remaining

Save Bibliography

Please list all literature cited in the proposal, and please provide the appropriate links where available. The character limit is 9500, including spaces.

Use the light grey square in the bottom right-hand corner of each text box to pull down and expand to desired size for better visibility and ease of writing.

Budget

General Goals Location Narrative **Budget** Environmental Uploads Submission

Project: Budget Narrative

The State of Gulf State requests \$875,000 to implement the Gulf State Submerged Aquatic Vegetation Restoration and Monitoring Program. The Gulf State Department of Conservation and Natural Resources (GSDCNR) will pass through \$/81,500.12 to the Perfect Island Sea Lab (PISL) for the completion of each project component. Costs for these activities are comparable to similar activities that have been completed by GSDCNR and its local partners in the past.

Lower Serene Bay Seagrass Protection & Restoration includes:

- Replacement of 5x5' and Marker buoys
- Bird Stake Placement and Prop Stakes
- Printing of Educational Brochures
- Placement of Education Signage

Total: \$125,000.00

Upper Bliss Bay and the Lower Bliss River Delta SAV Restoration Project includes:

- Annual Seed Gathering (Late Summer)
- Over-Wintering Seeds
- Sowing of Seeds (Spring)
- Monitoring of Results

Total: \$250,000.00

Submerged Aquatic Vegetation Monitoring Program Includes:

- Acquisition and Geo-Processing of Aerial Imagery
- Field Verification
- Production of Mapping Data & GIS Files
- Report Production

Total: \$500,000.00

3402 of 4500 characters remaining

Total FPL 3 Projects/Program Budget Request

Estimated Percent Planning
 %

Estimated Percent Implementation
 %

Estimated Percent Project Management
 %

Estimated Percent Monitoring and Adaptive Management
 %

Estimated Percent Data Management
 %

Estimated Percent Contingency
 %

100% of budget allocated
 %

Is the Project Scalable?

If yes, provide a short description regarding scalability.
 As there are three components to this project, one of the components could be removed from the project, and the project would still meet some of the goals and achieve some of the benefits listed in this proposal.

2287 of 2500 characters remaining

Save

1. Project Budget Narrative: Include a budget narrative that summarizes the amount of funding requested in major functional cost categories. The amounts provided for the cost categories listed below represent estimates that can be adjusted at the funding application stage, provided that the total cost of

the project/program does not exceed the total amount for the activity as approved in the FPL. The character limit is 4500, including spaces.

Use the light grey square in the bottom right-hand corner of each text box to pull down and expand to desired size for better visibility and ease of writing.

Note: The percentages you enter in the six functional cost categories must have a sum less than or equal to 100. Please double check your entries to ensure all percentages add up to 100.

2. Total FPL 3 Project/Program Budget Request: Enter the total FPL 3 Project/Program Budget Request (amount in dollars)

3. Estimated Percent Planning: Enter the percent of the total budget that will go towards planning, For Implementation only projects, enter “0”, if appropriate.

4. Estimated Percent Implementation: Enter the percent of the total budget that will go towards implementation, For Planning only projects, enter “0”.

5. Estimated Percent Project Management: Enter the percent of the total budget that will go towards project management (including administration).

6. Estimated Percent Monitoring and Adaptive Management: Enter the percent of the total budget that will go towards monitoring and adaptive management (≥ 0).

7. Estimated Percent Data Management: Enter the percent of the total budget that will go towards data management (≥ 0).

8. Estimated Percent Contingency: Enter the percent of the total budget that will go towards project contingency (≥ 0). **Note:** It must be indicated on the “General” tab that this is a construction project to enter values in this field.

9. Is this project scalable?: As indicated in the Councils definitions of “project” and “program”, proposals for FPL funding may cover activities that can be scaled up or down depending on available resources, ecosystem needs, and other considerations. Using the drop-down menu, please indicate whether the activity is scalable. See [FPL 3 Submission Guidelines](#) for additional guidance regarding scalability.

10. If yes, provide a short description regarding scalability: See submission guidelines for additional guidance regarding scalability. The character limit is 2500, including spaces.

Use the light grey square in the bottom right-hand corner of each text box to pull down and expand to desired size for better visibility and ease of writing.

Use the green save button at the bottom of the page to **save your progress and continue.**

Environmental

The screenshot shows a web application interface with a navigation bar at the top containing tabs: General, Goals, Location, Narrative, Budget, Environmental (selected), Uploads, and Submission. Below the navigation bar, there are four main sections, each corresponding to a different environmental law. Each section has a title, a 'Has Requirement Been Addressed?' question with three radio button options (Yes, No, N/A), an 'Upload' button, and a 'Notes' text area. The first section, 'Environmental Compliance Documentation', has a circled '1' next to its title and a circled '2' next to the 'N/A' radio button. A file path is entered in the notes area for this section: 'https://www.restoration.gov/sites/default/files/FPL_ECIto_AL_94205AV_Program_CE_signed.pdf'. The other three sections (Endangered Species Act, National Historic Preservation Act, and Magnuson Stevens Act) have their 'N/A' radio buttons selected. The 'Upload' buttons are blue and labeled 'Upload'. The 'Notes' text areas are grey and have a small 'x' icon in the bottom right corner. Below each 'Upload' button, it says 'Max Upload file size: 15 Mb'.

1. Environmental Compliance Documentation: Please see the [FPL 3 Submission Guidelines](#) for detailed instructions regarding Environmental Compliance. The environmental compliance checklist below summarizes the status of the proposal with respect to applicable environmental laws. All requests for FPL Category 1 funding approval for implementation activities that could have environmental impacts must be accompanied by up-to-date documentation of compliance with NEPA, ESA, NHPA, MSA, and FWCA, as applicable. If additional laws than those listed apply, please indicate in the Environmental Compliance section of the “Narrative” tab, and provide documentation under the “Uploads” tab.

2. For each law listed on this page: Indicate whether the requirement has been addressed (or if it is not applicable to your activity). Use the “Upload” button to add a file with up-to-date documentation of compliance with NEPA, ESA, NHPA, MSA, and FWCA, as applicable. If “Yes” or “No” was selected for a law, a note is required in the text box to further explain your compliance (or lack thereof) and documentation. After uploading documentation, you may add any additional notes in the text box below the law you are dealing with.

Use the light grey square in the bottom right-hand corner of each text box to pull down and expand to desired size for better visibility and ease of writing.

Use the green save button at the bottom of the page to **save your progress and continue**.

Uploads

General Geos Location Narrative Budget Environmental **Uploads** Submission

+ Add file 1

Main Uploads

- Accepted Document Types include: DOC, DOCX, and PDF
- Letters of Support should be combined into one (1) PDF document
- Max Upload file size: 15 MB (per file)
- (Max 5 Documents)

File Name	Type
No data available in table	

Maps, Figures, and Charts

- Accepted Document Types include: JPEG and PDF
- Must provide a caption for each artifact uploaded
- Max Upload file size: 15 MB (per file)
- (Max: 3 Maps, 4 Figures, 3 Charts)

File Name	Caption
Screen Shot 2019-08-22 at 3:49:02 PM.png	Map of Bliss Bay, Gulf State

Tables

- Accepted Document Types include: DOC, DOCX, and PDF
- Must include a caption description
- Max Upload file size: 15 MB (per file)
- (Max 1 Document)

File Name	Caption
No data available in table	

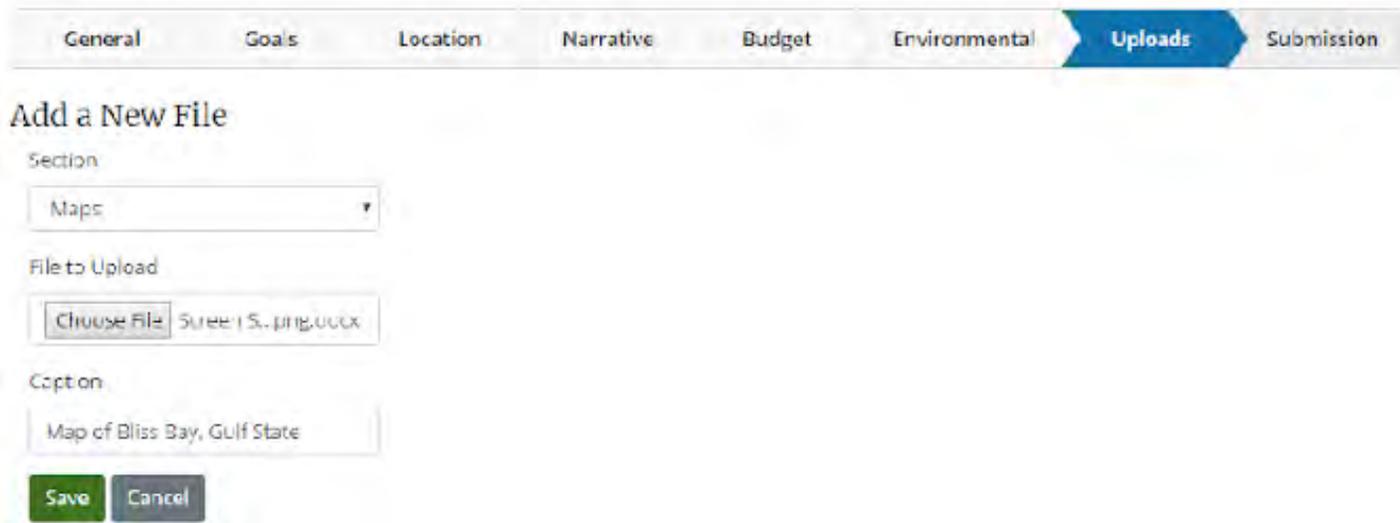
GIS Information

File Name
No data available in table

Submit on Review >

Note: at least one map is required to meet minimum upload requirements

1. Add File: To upload a file to any of the sections listed below, click the green “+Add file” button at the top of the page. This will lead you to a drop-down menu to select the section your upload applies to.



The screenshot shows a navigation bar with tabs: General, Goals, Location, Narrative, Budget, Environmental, Uploads (active), and Submission. Below the navigation bar is the 'Add a New File' form. The 'Section' dropdown menu is set to 'Maps'. The 'File to Upload' section shows a 'Choose File' button and a file name 'Screenshot.png.docx'. The 'Caption' text box contains the text 'Map of Bliss Bay, Gulf State'. At the bottom of the form are 'Save' and 'Cancel' buttons.

After selecting the section your file applies to, click “choose file” to upload it. Some upload types will allow you to use a text box to create a label or caption. When providing a caption, make it as descriptive of the uploaded file as possible.

Click the green **save** button when you are done uploading each file you wish to add.

Main Uploads:

- Accepted Document Types include: DOC, DOCX, and PDF
- Letters of Support should be combined into one (1) PDF document
- Max Upload file size: 15 Mb (per file)
- (Max 5 Documents)

Maps, Figures, and Charts:

- Accepted Document Types include: JPEG and PDF
- Must provide a caption for each artifact uploaded
- Max Upload file size: 15 Mb (per file)
- (Max: 3 Maps, 4 Figures, 3 Charts)

Tables:

- Accepted Document Types include: DOC, DOCX, and PDF
- Must include a caption description

-Max Upload file size: 15 Mb (per file)

-(Max 1 Document)

2. GIS Information: As part of the FPL application, GIS data needs to be provided along with ISO metadata that describes the project location using either points, lines, or polygons. GIS data uploaded must be in the template format. The downloadable GIS Template to upload is located under the “Help” tab at the top of your webpage. Please do not change the name of the feature classes (Linear_Features, Polygon_Features, Point_Features). Required attributes in the GIS data tables include proposal title, component name, and GIS contact (this should contain an email address). Please be aware that your GIS file should only include geometries you have data for. If you only have a polygon, please delete the point and line feature classes from your GIS file before zipping and uploading.

For additional information on GIS files, please contact Michelle Fischer (michelle.fischer@restorethegulf.gov).

NOTE: Uploaded GIS data validation compares your uploaded GIS file to the GIS template and can take up to 10 minutes. If your “pre-submit” validation is failing on the uploaded GIS data file, please try to re-validate in a few minutes.

General Goals Location Narrative Budget Environmental **Uploads** Submission

+ Add file Edit file Delete file Download file

Main Uploads

- Accepted Document Types include: DOC, DOCX, and PDF
- Letters of Support should be combined into one (1) PDF document
- Max Upload file size: 15 Mb (per file)
- (Max 1 Document)

File Name	Type
No data available in table	

Maps, Figures, and Charts

- Accepted Document Types include: JPEG and PDF
- Must provide a caption for each artifact uploaded
- Max Upload file size: 15 Mb (per file)
- (Max: 3 Maps, 1 Figures, 3 Charts)

File Name	Caption
Screen Shot 2019-08-22 at 3:49:02 PM.png	Map of Bliss Bay, Gulf State

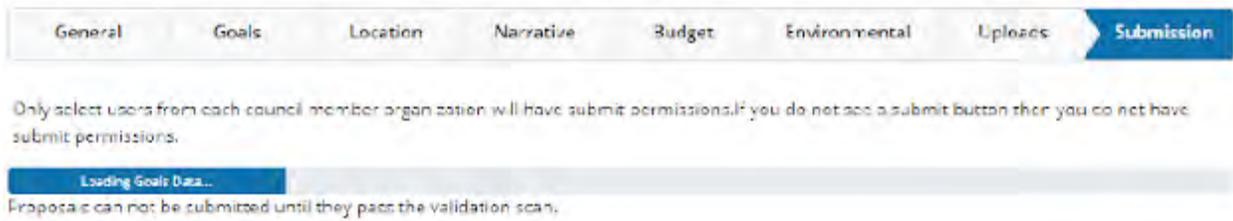
3. To **edit** an uploaded file, select the file you wish to edit and scroll to the top of the page. Several blue buttons will appear next to “+Add file”. Select the blue “Edit file” button. This will return you to the page used to add the file. You can change the file type using the drop-down menu, replace the existing file, and change your caption using this page. When you are done click **save**.

4. To **delete** an uploaded file, select the file you wish to edit and scroll to the top of the page. Several blue buttons will appear next to “+Add file”. Select the blue “Delete file” button.

5. To **download** an uploaded file, select the file you wish to edit and scroll to the top of the page. Several blue buttons will appear next to “+Add file”. Select the blue “Download file” button. This will result in a new window popping up, where you can save your file in the location of your choice.

Click the green **Submission Review** button or continue to the Submission tab to begin the submission process.

Submission



After clicking on the submission tab (or the Submission Review button), a validation scan of the information included in your proposal submission will begin. Proposals cannot be submitted until they pass the validation scan. When the scan is complete, a red highlight will indicate which fields under each section need attention. You may click on the red highlighted text to jump to the section of the proposal that needs review. If everything is completed correctly, your proposal will be submitted for review.

Note: Only select users from each Council member organization will have the ability to submit a proposal. If you believe you should have “Submitting” privileges, and are not able to “Submit” your proposal, please reach out to Jessica Henkel (jessica.henkel@restorethegulf.gov).

Only direct users from each county member organization will have submit permissions. If you do not see a submit button then you do not have submit permissions.

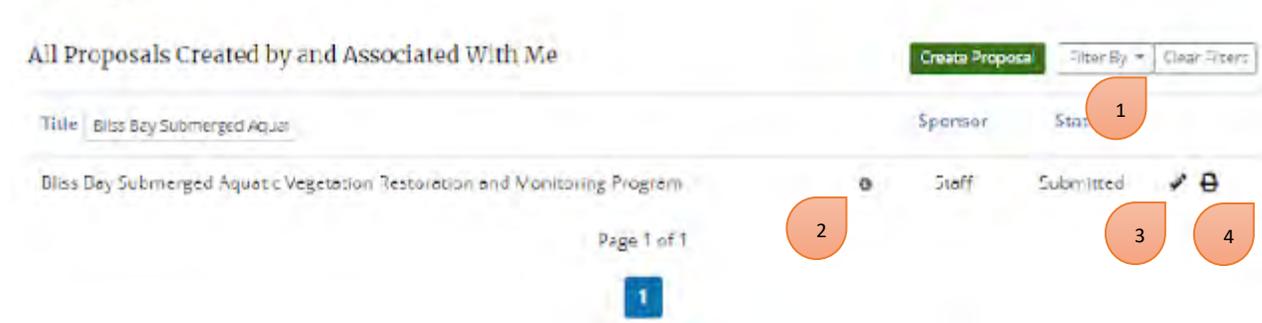
Submission Requirements

Proposals must satisfy all requirements and Priority Plan objectives.

General	Status
Title	
Project Abstract	
Activity Type	
Program	
Is it a construction project?	
RSTORC Au Priority Criteria	
Goals	Status
Priority Comprehensive Plan Goal	
Priority Comprehensive Plan Objective	
Restoration Technique(s)	
Location	Status
Location	
HUC8 Watershed(s)	
State(s)	
County/Parish(es)	
Congressional District(s)	
Narrative	Status
Introduction and Overview	
Proposed Methods	
Environmental Benefits	
Risk and Uncertainty	
Monitoring and Adaptive Management	
Data Management	
Collaboration	
Public Engagement, Outreach, and Education	
Environmental Compliance	
Does this project benefit critical loads?	
Federally Designated Tribes	
Demography	
Budget	Status
Project Budget Narrative	
Total FR, 3P, user/program Budget Resources	
Budget Percentage	
Is the Project Sustainable?	
Environmental	Status
National Environmental Policy Act	
Uploads	Status
Meets minimum upload requirements? (At least 3 req. required)	

Viewing Proposals

Proposals



Select the proposal tab at the top of the webpage. This will present you with two options: View Proposals and Create Proposal. Click “View Proposal” to view or edit your proposals.

Search: You can search your proposals by title using the search box next to “Title”.

1. **Filters:** You can filter the proposals you see by “My Proposals” “Associated Proposals” and “All Proposals”. You can also filter by proposal Title (alphabetical order), Sponsor, or Status by clicking on the respective blue words. To clear filters, click the “Clear Filters” button.

Note: To see all proposals associated with your agency select “Filter By” → “Associated Proposals.”

2. **Proposal Details:** Clicking the grey “i” icon next to a proposal will lead a small window to appear, where you can view the abstract of the proposal, along with creator/editor information.
3. **Edit:** Select the pencil icon next to the proposal you want to edit. This will bring you to the proposal editor. If you need assistance with anything within the proposal editor, look for the corresponding section within the “Create Proposal” portion of this manual.
4. **Download and Print:** Select the printer icon next to the proposal you want to print. This will create a Word document file download of your proposal.

Appendix A: Additional Guidance for Metrics Selection

Approaches and Techniques

The development of the Planning Framework has provided a new tool to help communicate how RESTORE projects (and programs) support the goals and objectives set forth in the Comprehensive Plan. During FPL development, each project proposal will indicate the priority technique(s) from the Planning Framework that a project will use to support its primary goal and objective. The Planning Framework provides guidance on which techniques are most suited to supporting each different Comprehensive Plan goal and objective (Table 1). For programs, all projects within that program share the same primary goal and objective, but may use different techniques (from one or more approaches) to support that goal and that objective. For example, under a water quality program one project may use the Agriculture and forest management technique, while another uses the Land acquisition technique. Based on the Planning Framework, the primary and secondary goals of these techniques include Restore, improve, and protect water resources, the primary objective of the program.

Metric Selection

The Submission Guidelines instruct applicants to select metrics corresponding to the primary and secondary goal(s) for a project (or program). The Planning Framework can be used to help select metrics appropriate for those goals. Metrics currently in use by RESTORE projects can be referenced by the approaches and techniques with which they are most likely to be employed (Table 2). Each technique identified for a project (or program) should have one or more corresponding metrics selected in the proposal. Because some techniques can support multiple goals and objectives, the metrics listed in Table 2 will vary accordingly, and so care should still be taken to select the metric(s) most appropriate for tracking the primary and secondary goal(s) and objective(s) of the project.

Program Metrics

Members are encouraged to select a program-wide metric that captures the environmental or community resilience benefits of the program (e.g., Acres with restored hydrology, Number of stormwater/wastewater improvements), though each project funded under the program may not be captured by that metric. Additional metrics should be selected to capture the benefits of each of the techniques identified in the proposal. For programs with unspecified projects, metrics for the anticipated techniques should still be selected at the proposal stage. If it is difficult to quantify an estimated metric target as a single value, the metric narrative section may be used to describe a range of values or magnitude of change, and the target may be entered as TBD (i.e., "0.99"). Should the proposed program be selected for funding, metrics may be added, removed, or replaced, and metric targets may be adjusted, as appropriate at the project workplan application stage.

Table 2. Updated metrics available for selection in PIPER, organized by Planning Framework approaches and techniques. This chart is meant as a reference for likely metric selections. Combinations shown are not mandatory or exhaustive. Please also consider how techniques align with the goals and objectives of the project (as depicted in Table 1 above). *This table replaces the table version provided in the FPL3b Proposal Form Template, Appendix A.*

Approach	Technique	Metric	Name	Description	
Create, restore, and enhance coastal wetlands, islands, shorelines, and headlands	Sediment placement	HR013	Wetland restoration - Acres restored	Enter the number of acres restored, including marshes, beaches, flooded forests, swamps, mudflats, estuarine habitats.	
		HR014	Habitat restoration - Acres of coastal habitat prevented from eroding	Enter the area of land prevented from eroding given the reduction in annual erosion rate over the length of shoreline benefitting from restoration activities. For example, a project that reduces shoreline erosion from 1.2 to 0.2 meters per year (giving a reduction of 1 m) over 1600 m of shoreline would enter 0.40 acres (1 m reduction x 1600 m shoreline = 1600 m ² = 0.40 acres of land prevented from eroding). This metric should be selected for all projects that aim to reduce shoreline erosion.	
		RES003	Community Resilience - # of residential, commercial, and public facilities benefiting	Enter the total number of residential, commercial, and public facilities benefiting from the project once the community resilience project is implemented. An example of the type of project where this metric would apply is a project whose primary benefit is enhanced hurricane protection for the community.	
	Protect natural shorelines	HR002	HR002	Shoreline restoration - Miles of shoreline stabilized and restored	Enter the miles of shoreline stabilized and restored. This should be selected and reported for coastal habitat shoreline restoration projects that protect against erosion, including construction of foreshore rock dikes and reef breakwaters.
			HR012	Shoreline protection - Miles of living shoreline installed	Enter the number of miles of living shoreline installed to buffer against shoreline erosion. Where applicable, use the metric narrative field to indicate the width of the living shoreline (in feet). When conducting shoreline protection, always also select metric "HR014 - Habitat restoration - Acres of coastal habitat prevented from eroding."
		HR014	HR014	Habitat restoration - Acres of coastal habitat prevented from eroding	Enter the area of land prevented from eroding given the reduction in annual erosion rate over the length of shoreline benefitting from restoration activities. For example, a project that reduces shoreline erosion from 1.2 to 0.2 meters per year (giving a reduction of 1 m) over 1600 m of shoreline would enter 0.40 acres (1 m reduction x 1600 m shoreline = 1600 m ² = 0.40 acres of land prevented from eroding). This metric should be selected for all projects that aim to reduce shoreline erosion.
			RES003	Community Resilience - # of residential, commercial, and public facilities benefiting	Enter the total number of residential, commercial, and public facilities benefiting from the project once the community resilience project is implemented. An example of the type of project where this metric would apply is a project whose primary benefit is enhanced hurricane protection for the community.
			HC001	Conservation easements - Acres protected under easement	Enter the number of acres protected under long-term easement (permanent or >30-yr). Acres protected under easement should always be brought under improved management.

Approach	Technique	Metric	Name	Description	
Protect and conserve coastal, estuarine, and riparian habitats	Land acquisition	HC002	Conservation easements - Miles of shoreline under long-term easement	Enter the number of miles under long-term easement (permanent or >30yr). This includes miles of shoreline in coastal streams or open coast (i.e., beaches). Miles protected under easement should always be brought under improved management.	
		HC003	Land acquisition - Acres acquired in fee	Enter the number of acres acquired in fee. Acres acquired in fee should always be brought under improved management.	
		HC004	Land acquisition - Miles of shoreline acquired	Enter the number of miles acquired. This includes miles of shoreline in coastal streams or open coast (i.e., beaches). Miles acquired in fee should always be brought under improved management.	
	Habitat management and stewardship	HM005	Agricultural BMPs - acres under contracts/agreements	Enter the number of acres under contract(s) or agreement(s) to implement BMPs on privately owned land. This is typically agricultural land, but may include silvicultural or other land use types. Each acre should be entered only once (i.e., enter the number of acres under the contract/agreement, not the acres under individual BMPs, which may "double count" acres). Always also select the metric for # people enrolled (COI002). Other metrics may be selected to capture specific restoration activities, but do not count acreage toward the habitat restoration metrics HR004 - HR008, HR010, or HR013 (in order to avoid double counting).	
		HR004	Habitat restoration - Acres restored	Enter the number of acres restored. Habitat included in this metric has been restored to original (or target) habitat and ecosystem function. This metric should be used for non-wetland habitats that span outside (or occur beyond) riparian zones, such as upland forests.	
		HR005	Marine habitat restoration - Acres of artificial reef created	Enter the number of acres impacted by the addition of artificial reefs and other habitat enhancements to benefit offshore marine life.	
		HR007	Marine habitat restoration - Acres of SAV restored	Enter the number of acres of submerged aquatic vegetation restored.	
		HR008	Removal of invasives - Acres restored	Enter the number of acres restored to native vegetation through the removal of invasive exotics. Acres counted using this metric should not overlap with acres counted toward restoration of wetlands or other habitats (i.e., HR004 - HR007, HR010, HR013).	
		HR010	Riparian restoration - Acres restored	Enter the number of acres of riparian habitat restored to improve water quality. This may include riparian lake habitat (e.g., for stormwater pond plantings). Do not include acres where activities are fully captured by erosion control metrics (e.g., HR001, HR003).	
		HR013	Wetland restoration - Acres restored	Enter the number of acres restored, including marshes, beaches, flooded forests, swamps, mudflats, estuarine habitats.	
		OEB001	Other Environmental Benefits - # metric tons of greenhouse gas emissions reduced	Enter the number of metric tons reduced annually. In the metric narrative field as well as in the Observational Data Plan, please indicate how this metric is being calculated.	
		Decommission unused, orphaned energy facilities	HC005	Decommissioning energy facilities - Number of wells plugged	Enter the number of abandoned oil and gas wells plugged during activity.

Approach	Technique	Metric	Name	Description	
	Restore hydrologic connectivity	HR009	Restoring hydrology - Acres with restored hydrology	Enter the number of acres with restored hydrology. This can include wetlands and upland buffer/transition habitats. Implementation may include restoration activities such as sediment removal for tidal connections, sediment placement to modify hydrologic connections, excavation and re-grading to modify existing water features, creation of water conveyance systems, etc.	
		HR011	Marsh restoration - Miles of canals backfilled	Enter the number of miles of canals backfilled. Use the metric narrative field to provide the average width of the canals backfilled.	
		RES003	Community Resilience - # of residential, commercial, and public facilities benefiting	Enter the total number of residential, commercial, and public facilities benefiting from the project once the community resilience project is implemented. An example of the type of project where this metric would apply is a project whose primary benefit is enhanced hurricane protection for the community.	
	Restore natural salinity regimes	HR009	Restoring hydrology - Acres with restored hydrology	Enter the number of acres with restored hydrology. This can include wetlands and upland buffer/transition habitats. Implementation may include restoration activities such as sediment removal for tidal connections, sediment placement to modify hydrologic connections, excavation and re-grading to modify existing water features, creation of water conveyance systems, etc.	
		Controlled river diversions	HR009	Restoring hydrology - Acres with restored hydrology	Enter the number of acres with restored hydrology. This can include wetlands and upland buffer/transition habitats. Implementation may include restoration activities such as sediment removal for tidal connections, sediment placement to modify hydrologic connections, excavation and re-grading to modify existing water features, creation of water conveyance systems, etc.
	HR013		Wetland restoration - Acres restored	Enter the number of acres restored, including marshes, beaches, flooded forests, swamps, mudflats, estuarine habitats.	
	HR014		Habitat restoration - Acres of coastal habitat prevented from eroding	Enter the area of land prevented from eroding given the reduction in annual erosion rate over the length of shoreline benefitting from restoration activities. For example, a project that reduces shoreline erosion from 1.2 to 0.2 meters per year (giving a reduction of 1 m) over 1600 m of shoreline would enter 0.40 acres (1 m reduction x 1600 m shoreline = 1600 m ² = 0.40 acres of land prevented from eroding). This metric should be selected for all projects that aim to reduce shoreline erosion.	
	RES003		Community Resilience - # of residential, commercial, and public facilities benefiting	Enter the total number of residential, commercial, and public facilities benefiting from the project once the community resilience project is implemented. An example of the type of project where this metric would apply is a project whose primary benefit is enhanced hurricane protection for the community.	
			HM001	Nutrient reduction - Lbs. N avoided or removed	Enter the total amount of nitrogen removed from the system (in lbs) or prevented from entering the system (in lbs/year). Use the metric narrative field to specify the units of measurement being used.
			HM002	Nutrient reduction - Lbs. nutrients avoided or removed	Enter the total amount of nutrients removed from the system (in lbs) or prevented from entering the system (in lbs/year). Use the metric narrative field to specify the units of measurement being used.

Approach	Technique	Metric	Name	Description
	Agriculture and forest management	HM003	Nutrient reduction - Lbs. P avoided or removed	Enter the total amount of phosphorous removed from the system (in lbs) or prevented from entering the system (in lbs/year). Use the metric narrative field to specify the units of measurement being used.
		HM004	Sediment reduction - Lbs. sediment avoided or removed	Enter the total amount of sediment removed from the system (in lbs) or prevented from entering the system (in lbs/year). Use the metric narrative field to specify the units of measurement being used.
		HM005	Agricultural BMPs - acres under contracts/agreements	Enter the number of acres under contract(s) or agreement(s) to implement BMPs on privately owned land. This is typically agricultural land, but may include silvicultural or other land use types. Each acre should be entered only once (i.e., enter the number of acres under the contract/agreement, not the acres under individual BMPs, which may "double count" acres). Always also select the metric for # people enrolled (COI002). Other metrics may be selected to capture specific restoration activities, but do not count acreage toward the habitat restoration metrics HR004 - HR008, HR010, or HR013 (in order to avoid double counting).
		HR001	Erosion control - acres restored	Enter the area over which restoration activities are performed to reduce surface and/or stream channel erosion. Do not include additional acres of watershed expected to achieve reduced sediment pollution. Do not include acres counted toward the riparian restoration metric (HR010). Possible restoration activities include plantings, regrading streambanks, gully repair, etc.
		HR003	Stream restoration - Miles of stream channel protection installed	Enter the miles of stream channel protection installed. This should be selected for streambank and streambed protection projects (e.g., using riprap) conducted to reduce erosion and resulting sediment pollution.
		HR010	Riparian restoration - Acres restored	Enter the number of acres of riparian habitat restored to improve water quality. This may include riparian lake habitat (e.g., for stormwater pond plantings). Do not include acres where activities are fully captured by erosion control metrics (e.g., HR001, HR003).
		RES001	Natural resource stewardship - # measures implemented	Enter the number of resource conservation measures being implemented. Resource conservation measures could include energy or water conservation measures, such as those resulting from an energy audit, renewable energy assessment, or water efficiency audit.
		RES004	Upgrades to Stormwater and/or Wastewater Systems - CFU Reduction in bacterial loads	Enter the CFU reduction resulting from the activity.
		HM001	Nutrient reduction - Lbs. N avoided or removed	Enter the total amount of nitrogen removed from the system (in lbs) or prevented from entering the system (in lbs/year). Use the metric narrative field to specify the units of measurement being used.
		HM002	Nutrient reduction - Lbs. nutrients avoided or removed	Enter the total amount of nutrients removed from the system (in lbs) or prevented from entering the system (in lbs/year). Use the metric narrative field to specify the units of measurement being used.
	HM003	Nutrient reduction - Lbs. P avoided or removed	Enter the total amount of phosphorous removed from the system (in lbs) or prevented from entering the system (in lbs/year). Use the metric narrative field to specify the units of measurement being used.	

Approach	Technique	Metric	Name	Description
Reduce excess nutrients and other pollutants to watersheds	Stormwater management	HM004	Sediment reduction - Lbs. sediment avoided or removed	Enter the total amount of sediment removed from the system (in lbs) or prevented from entering the system (in lbs/year). Use the metric narrative field to specify the units of measurement being used.
		HM008	Pollutant reduction - Miles of hard surface improved	Enter the number of miles of roads or other hard surface improved to reduce runoff of sediment and other pollutants. This metric should not be used for roadway created or improved to increase recreational access.
		HR010	Riparian restoration - Acres restored	Enter the number of acres of riparian habitat restored to improve water quality. This may include riparian lake habitat (e.g., for stormwater pond plantings). Do not include acres where activities are fully captured by erosion control metrics (e.g., HR001, HR003).
		HR013	Wetland restoration - Acres restored	Enter the number of acres restored, including marshes, beaches, flooded forests, swamps, mudflats, estuarine habitats.
		PRM001	Land management - Acres with reduced impacts	Enter the number of acres with reduced impacts from land use following implementation.
		PRM002	Land management - Miles with reduced impacts	Enter the number of miles with reduced impacts from land use following implementation.
		RES002	Watershed management - # upgrades to stormwater and/or wastewater systems	Enter the number of upgrades implemented to storm or wastewater systems. Upgrades could include activities such as taking septic systems offline, installing box culverts, upsizing drainage pipes, adding underground gravel storage, or creating groundwater recharge opportunities.
		RES003	Community Resilience - # of residential, commercial, and public facilities benefiting	Enter the total number of residential, commercial, and public facilities benefiting from the project once the community resilience project is implemented. An example of the type of project where this metric would apply is a project whose primary benefit is enhanced hurricane protection for the community.
		RES004	Upgrades to Stormwater and/or Wastewater Systems - CFU Reduction in bacterial loads	Enter the CFU reduction resulting from the activity.
		Erosion and sediment control	HM001	Nutrient reduction - Lbs. N avoided or removed
	HM002		Nutrient reduction - Lbs. nutrients avoided or removed	Enter the total amount of nutrients removed from the system (in lbs) or prevented from entering the system (in lbs/year). Use the metric narrative field to specify the units of measurement being used.
	HM003		Nutrient reduction - Lbs. P avoided or removed	Enter the total amount of phosphorous removed from the system (in lbs) or prevented from entering the system (in lbs/year). Use the metric narrative field to specify the units of measurement being used.
	HM004		Sediment reduction - Lbs. sediment avoided or removed	Enter the total amount of sediment removed from the system (in lbs) or prevented from entering the system (in lbs/year). Use the metric narrative field to specify the units of measurement being used.
	HR003		Stream restoration - Miles of stream channel protection installed	Enter the miles of stream channel protection installed. This should be selected for streambank and streambed protection projects (e.g., using riprap) conducted to reduce erosion and resulting sediment pollution.
	HM001		Nutrient reduction - Lbs. N avoided or removed	Enter the total amount of nitrogen removed from the system (in lbs) or prevented from entering the system (in lbs/year). Use the metric narrative field to specify the units of measurement being used.

Approach	Technique	Metric	Name	Description
	Wastewater system improvements	HM002	Nutrient reduction - Lbs. nutrients avoided or removed	Enter the total amount of nutrients removed from the system (in lbs) or prevented from entering the system (in lbs/year). Use the metric narrative field to specify the units of measurement being used.
		HM003	Nutrient reduction - Lbs. P avoided or removed	Enter the total amount of phosphorous removed from the system (in lbs) or prevented from entering the system (in lbs/year). Use the metric narrative field to specify the units of measurement being used.
		HR013	Wetland restoration - Acres restored	Enter the number of acres restored, including marshes, beaches, flooded forests, swamps, mudflats, estuarine habitats.
		PRM001	Land management - Acres with reduced impacts	Enter the number of acres with reduced impacts from land use following implementation.
		PRM002	Land management - Miles with reduced impacts	Enter the number of miles with reduced impacts from land use following implementation.
		RES002	Watershed management - # upgrades to stormwater and/or wastewater systems	Enter the number of upgrades implemented to storm or wastewater systems. Upgrades could include activities such as taking septic systems offline, installing box culverts, upsizing drainage pipes, adding underground gravel storage, or creating groundwater recharge opportunities.
		RES004	Upgrades to Stormwater and/or Wastewater Systems - CFU Reduction in bacterial loads	Enter the CFU reduction resulting from the activity.
		Restore oyster habitat	Substrate placement	HR006
SP001	Population - Density (# individuals/acre) - Oysters			Enter the density of oysters per acre for oyster reef restoration projects.
Living shorelines	HR006		Marine habitat restoration - Acres of oyster reef restored	Enter the number of acres of oyster reef restored. When conducting oyster restoration, always also select the population metric "SP001 - Population - Density (# individuals/acre) - Oysters."
	SP001		Population - Density (# individuals/acre) - Oysters	Enter the density of oysters per acre for oyster reef restoration projects.
Enhance spawning and reserves	HR006		Marine habitat restoration - Acres of oyster reef restored	Enter the number of acres of oyster reef restored. When conducting oyster restoration, always also select the population metric "SP001 - Population - Density (# individuals/acre) - Oysters."
	SP001		Population - Density (# individuals/acre) - Oysters	Enter the density of oysters per acre for oyster reef restoration projects.
Any (Planning)	Any (Planning)	PRM003	Management or Governance Planning - # plans developed	Enter the number of plans developed that had input from multiple stakeholders for regional planning efforts.
		PRM005	Monitoring - # monitoring plans developed	Enter the number of monitoring plans developed. This metric captures the actual number of monitoring plans written, but not yet being implemented.
		PRM011	Restoration planning/design/permitting - # E&D plans developed	Enter the number of E&D packages developed. The number of plans should equal the number of completed packages, not the number of documents.
		PRM013	Restoration planning/design/permitting - # environmental compliance documents completed	Enter the number of environmental compliance documents produced/compiled.
	Develop tools for	PRM009	Research - # studies reported to mgmt.	Enter the number of studies completed whose findings are reported to management. Value should include published data (either via your institution or by others using your data), metadata sets made available and published/unpublished datasets.

Approach	Technique	Metric	Name	Description
Improve science-based decision-making processes	planning and evaluation	PRM010	Research - # studies used to inform mgmt.	Enter the number of studies completed whose findings are used to adapt management/ inform mgmt. decisions.
		PRM012	Tool development for decision-making - # tools developed	Enter the number of tools developed. For example, tools can include numerical models, computer models, GIS models, and decision support systems.
	Increase environmental monitoring capacities	PRM004	Monitoring - # monitoring programs implemented	Enter the number of monitoring programs established or underway. This metric captures the actual number of monitoring programs being implemented. Monitoring programs include any program with a written monitoring plan that is intended to track something other than the project's benefits (which should be monitored for all RESTORE-funded projects).
		PRM006	Monitoring - # streams/sites being monitored	Enter the number of streams/sites being monitored. This metric should only be used for monitoring intended to track something other than the project's benefits (which should be monitored for all RESTORE-funded projects).
		PRM007	Monitoring - Acres being monitored	Enter the number of acres being monitored using standard mapping tools/GIS or other methods. This metric should only be used for monitoring intended to track something other than the project's benefits (which should be monitored for all RESTORE-funded projects). Specify monitoring method(s) in the metric narrative field.
		PRM008	Monitoring - Miles being monitored	Enter the number of miles monitored as a direct result of the project. This metric should only be used for monitoring intended to track something other than the project's benefits (which should be monitored for all RESTORE-funded projects). This metric should be selected for in-stream habitat restoration and shoreline restoration projects. Please indicate the width of the area being monitored in the metric narrative field. For beach nesting birds, includes linear length of beaches or circumference of islands where suitable habitat has been confirmed.
		PRM014	Restoration planning/design/permitting - Increased Capacity - % increase in analytical capacity	Enter the % increase in analytical capacity resulting from Project/Program implementation. Values are entered as percentages; enter whole number percentages representing anticipated increases over a baseline of zero (e.g., baseline is entered as zero percent, and target value is entered as a 30% increase over baseline). In the metric narrative field, please indicate the type of analytical capacity being increased; additional details can also be provided regarding baseline and target values (e.g., Baseline for water quality analysis is 100 samples per month; anticipated target value represents an increase to 130 samples per month).
		Comprehensive planning		#N/A
		COI001	Building institutional capacity - # FTE that successfully completed training	Enter the number of full-time equivalents (FTE) days of training for trainees. FTE refers to the ratio of paid hours during a period to # working hours in that period. May consider adding up part-time equivalents if the total amount is considered significant (e.g., 100 individuals who provide 100 1/4 FTE = 25 FTE days).

Approach	Technique	Metric	Name	Description
Promote natural resource stewardship and environmental education	Promote natural resource stewardship and environmental education	COI002	Outreach/ Education/ Technical Assistance - # people reached	Enter the expected number of stakeholders in attendance at informational meetings, workshops, or events. Or, provide # of people who were directly involved in outreach, training and or technical assistance activities (this could be the number of participants in a workshop, classes, webinar, townhall, event, listeners, etc.).
		COI003	Outreach/ Education/ Technical Assistance - # people enrolled - BMPs	Enter the number of unique people enrolled to implement BMPs and expected to adopt tools and other improved management practices, etc., as a result. Always also select HM005 - Agricultural BMPs - acres under contracts/agreements.
		COI004	Outreach/ Education/ Technical Assistance - # users engaged online	Enter the number of users engaged in twitter, Facebook, blogs and other social media tools used to disseminate information about the project (include the type of social media tool and number and frequency of users). Note the URL address for each site and the unique visitors or users only.
		COI005	Volunteer participation - # volunteers participating	Enter the number of volunteers involved in the project. A list of volunteers names may help maintain a record of engagement. Where considered important, segmenting volunteers may be useful (e.g. age, gender, profession).
		COI006	Subgrants or agreements - # grants/agreements - dissemination of education/outreach materials	Enter the number of sub-grants or agreements to disseminate educational and outreach materials under the Council award. If possible, the metric for # people reached should also be selected (COI002).
		COI007	Building institutional capacity - # of participants that successfully completed training	Enter the expected number of participants that successfully attended and completed the training and attained restoration and conservation skills.
		HC006	Habitat management and stewardship - # sub-grants/agreements	Enter the number of sub-grants or agreements with private landowners, nonprofits or other organizations to implement habitat management activities disseminated under the Council award. This metric should only be selected if HM005 (Agricultural BMPs - acres under contracts/agreements) is not suitable.
		RES001	Natural resource stewardship - # measures implemented	Enter the number of resource conservation measures being implemented. Resource conservation measures could include energy or water conservation measures, such as those resulting from an energy audit, renewable energy assessment, or water efficiency audit.
		RES005	Recreational improvements - # improvements to recreational infrastructure	Enter the number of improvements to recreational habitat/infrastructure resulting from the activity being completed as designed.
		Increase public access to natural resources and enhance recreational experiences		RES005
RES006	Recreational improvements - Acres acquired for public access/recreational use			Enter the total acres acquired for public access/recreational use.
RES007	Recreational improvements - # visitors increased			Enter the increase in public use as a result of the activity.
		COI002	Outreach/ Education/ Technical Assistance - # people reached	Enter the expected number of stakeholders in attendance at informational meetings, workshops, or events. Or, provide # of people who were directly involved in outreach, training and or technical assistance activities (this could be the number of participants in a workshop, classes, webinar, townhall, event, listeners, etc.).

Approach	Technique	Metric	Name	Description
Restore and revitalize the Gulf economy	Restore and revitalize the Gulf economy	COI004	Outreach/ Education/ Technical Assistance - # users engaged online	Enter the number of users engaged in twitter, Facebook, blogs and other social media tools used to disseminate information about the project (include the type of social media tool and number and frequency of users). Note the URL address for each site and the unique visitors or users only.
		COI101	Economic benefits - # full-time permanent jobs created	Enter the number of full-time permanent jobs created that are directly attributable to the project or program implementation.
		COI102	Economic benefits - # part-time permanent jobs created	Enter the number of part-time permanent jobs created that are directly attributable to the project or program implementation.
		COI103	Economic benefits - # temporary jobs created	Enter the number of temporary jobs created that are directly attributable to the project or program implementation. These may be full-time or part-time jobs.
		COI104	Economic benefits - # local contracts	Enter the number of contracts or agreements anticipated with individuals or companies that reside in, are headquartered in, or are principally engaged in business in a Gulf Coast State.
		COI105	Economic benefits - % costs contracted to existing local organizations	Enter the percentage of total program costs anticipated to be contracted with companies that reside in, are headquartered in, or are principally engaged in business in a Gulf Coast State.
		COI106	Economic benefits - Sacks of oysters relayed	Enter the number of sacks of oysters relayed from donor sites to increase productivity on harvestable reefs.

Appendix B: *Environmental Compliance Checklist*

The environmental compliance checklist below will be completed electronically in PIPER. All requests for funding approval for implementation activities that could have environmental impacts must be accompanied by up-to-date documentation of compliance with NEPA, ESA, NHPA, MSA, and FWCA, as applicable. For each law listed on this page: Indicate whether the requirement has been addressed (or if it is not applicable to your activity). In PIPER you will use the "Upload" button to add a file with up-to-date documentation of compliance with NEPA, ESA, NHPA, MSA, and FWCA, as applicable. If "Yes" or "No" was selected for a law, a note is required in the text box to further explain your compliance (or lack thereof) and documentation. After uploading documentation, you may add any additional notes below each law.

Planning, Environmental Education and Outreach: *For Council-Selected Restoration Component activities that involve only planning, outreach and/or environmental education (with no approval of implementation funding), the sponsor should check "Yes" for the National Environmental Policy Act and write "Council NEPA Categorical Exclusion" in the notes section. The sponsor should check "N/A" for the other laws listed below . While these laws may apply at the implementation phase of the activity, they generally do not apply to planning, education or outreach phase, with limited exceptions. There may be instances where a component of a planning activity does trigger one or more laws. For example, geotechnical sampling in wetlands (performed to guide engineering and design) could require authorization under Clean Water Act Section 404. If your planning activity may involve geotechnical sampling in wetlands, please indicate whether that law has been addressed.*

Environmental Requirement	Has the Requirement Been Addressed?	Compliance Notes and documentation uploads (e.g., title and date of document, permit number, weblink etc.)²
National Environmental Policy Act	___ Yes ___ No ___ N/A	
Endangered Species Act	___ Yes ___ No ___ N/A	
National Historic Preservation Act	___ Yes ___ No ___ N/A	
Magnuson-Stevens Act	___ Yes ___ No ___ N/A	
Fish and Wildlife Coordination Act	___ Yes ___ No ___ N/A	
Coastal Zone Management Act	___ Yes ___ No ___ N/A	
Coastal Barrier Resources Act	___ Yes ___ No ___ N/A	
Farmland Protection Policy Act	___ Yes ___ No ___ N/A	
Clean Water Act Section 404	___ Yes ___ No ___ N/A	
River and Harbors Act Section 10	___ Yes ___ No ___ N/A	
Clean Water Act Section 401	___ Yes ___ No ___ N/A	
Marine Protection, Research and Sanctuaries Act	___ Yes ___ No ___ N/A	
Marine Mammal Protection Act	___ Yes ___ No ___ N/A	
National Marine Sanctuaries Act	___ Yes ___ No ___ N/A	
Migratory Bird Treaty Act	___ Yes ___ No ___ N/A	
Bald and Golden Eagle Protection Act	___ Yes ___ No ___ N/A	
Clean Air Act	___ Yes ___ No ___ N/A	
Other application environmental laws or regulations	___ Yes ___ No ___ N/A	

² Note: PIPER will allow for EC documentation uploads under each environmental requirement shown in the checklist.