# The GEMS Project <u>Gulf of Mexico</u> Ecosystem Service Logic Models and Socio-Economic Indicators Linking project impacts to economic, health and wellbeing benefits for people

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# Introduction to the project

# Challenge

Billions of dollars will be spent on restoration of Gulf ecosystems over the coming decades, but there is no shared platform to guide assessment and reporting of restoration progress and effectiveness for the broad set of environmental, social, and economic goals shared by the many institutions working in the Gulf.

# Solution

Effective project planning and evaluation can be facilitated by a set of common logic models and socioeconomic indicators and metrics relevant across projects, programs, and locations.

# Goals

- Help streamline and simplify application and reporting processes
- Simplify and improve reporting of impacts of projects
- Create a transferable tool for implementation of restoration approaches to extend the consistency, efficiency, and reporting benefits of this approach

## Process

This project will use Ecosystem Service Logic Models (ESLMs) as a framework to think about ecosystem services and how they can be monitored in relation to Gulf restoration projects. These models, developed for common restoration techniques, will form the basis for a series of workshops held at 5 sites across the Gulf (Figure 4), where participants will use model outcomes to develop socio-economic indicators and metrics important at their site. Regional Gulf workshops will collate information from all local workshops, and produce ESLMs and indicators that are relevant across the Gulf. We will cover multiple restoration strategies during the course of the project.



Figure 4. Map of GEMS project locations

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