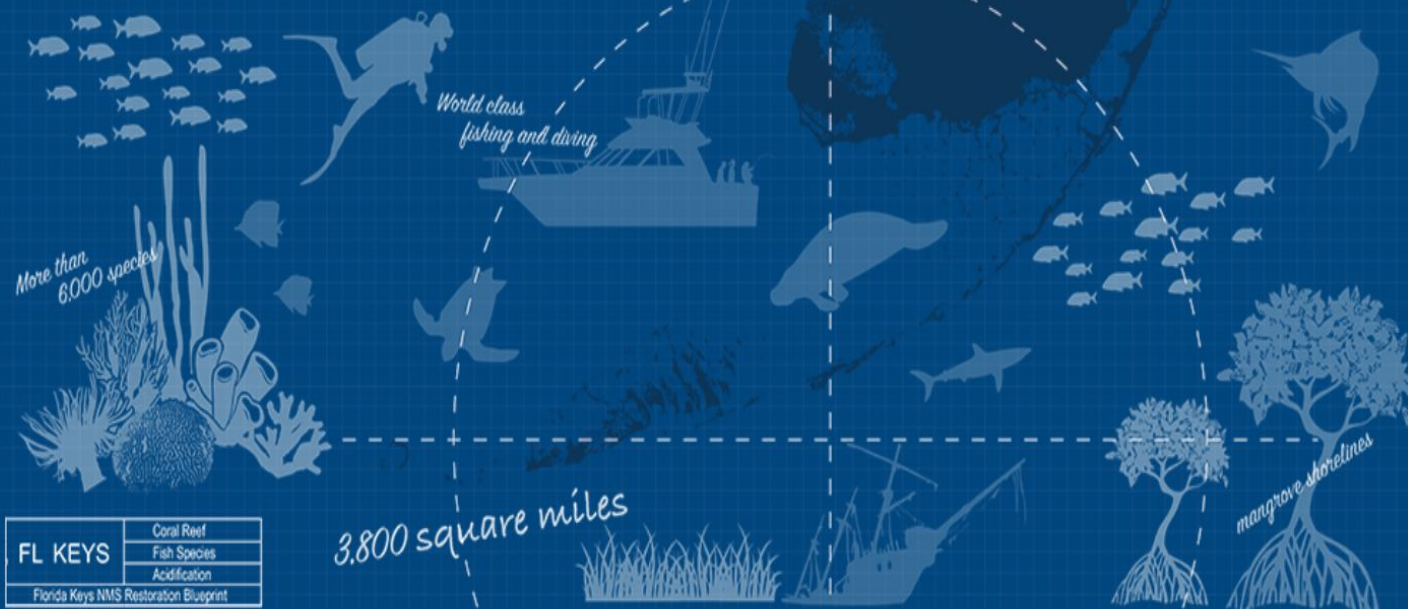




# FLORIDA KEYS NATIONAL MARINE SANCTUARY RESTORATION BLUEPRINT

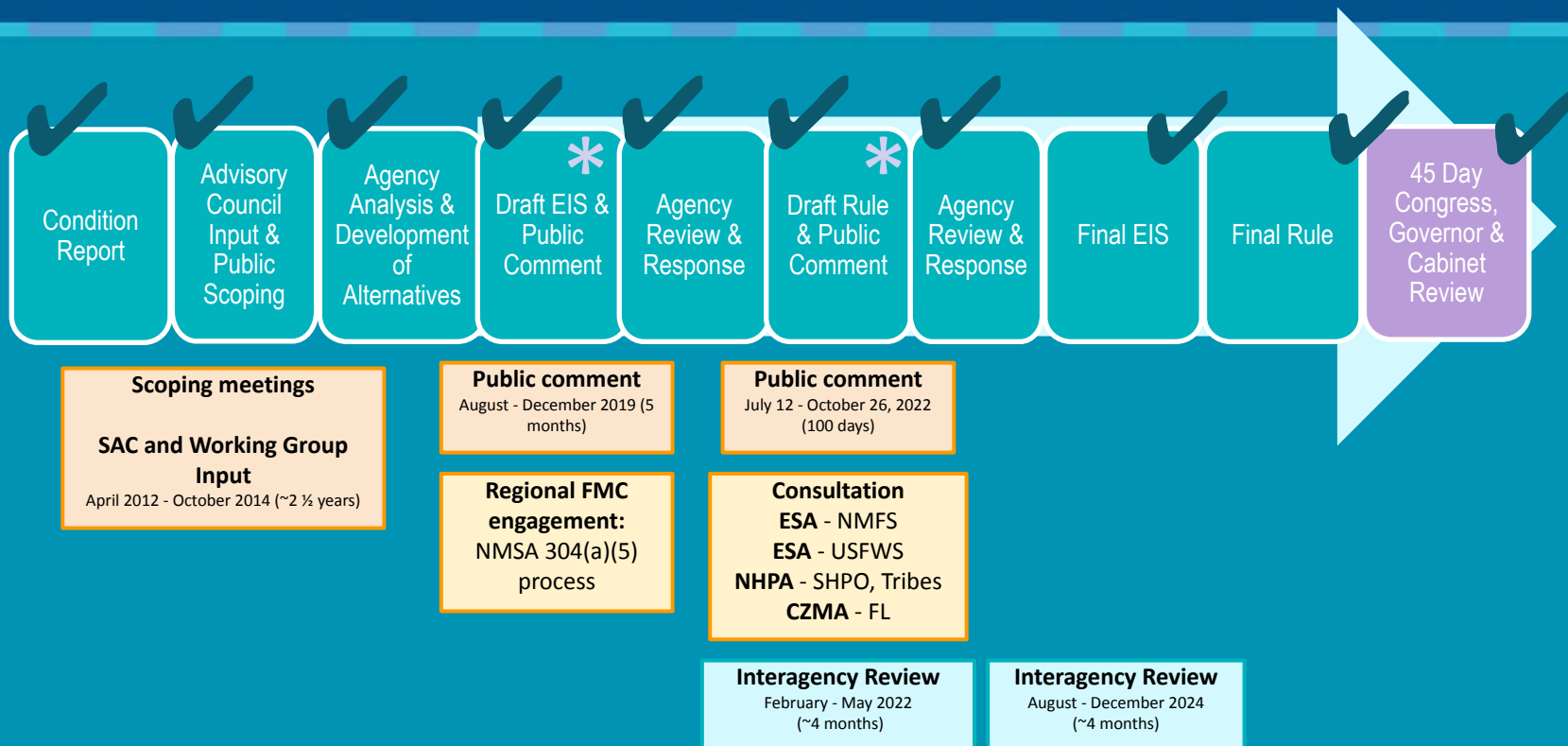


FL KEYS	Coral Reef
	Fish Species
	Acidification
Florida Keys NMS Restoration Blueprint	



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# Restoration Blueprint Timeline and Status





## Florida Keys National Marine Sanctuary: Restoration Blueprint

Final Environmental Impact Statement: Volume I



## Final Environmental Impact Statement:

- Informed by public and agency comment
- Incorporates elements of the draft EIS and draft rule
- Updated environmental and economic analysis
- Outlines the final preferred alternative
- Includes five components:
  - Sanctuary boundary
  - Sanctuary wide regulations
  - Additional marine zone regulations
  - Marine zones
  - Management Plan



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# Management Plan

## Goals:

Improve  
Understanding

Improve  
Conditions

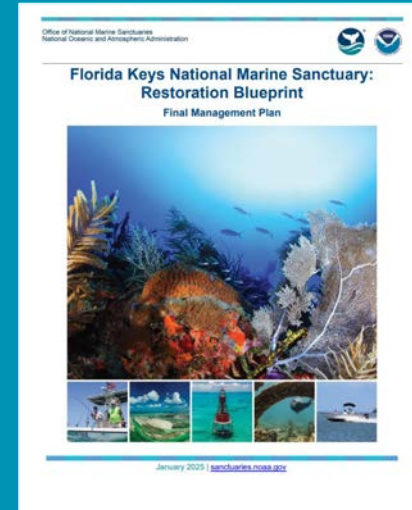
Reduce  
Threats

Increase  
Stewardship

Collaborative  
Management

## Priority Themes:

- Management Effectiveness/Adaptive Management
- **Water Quality**
- Restoration
- Visitor Use Management
- Enforcement
- Stewardship & Engagement



# Priority: Management Effectiveness & Adaptive Management

- Understanding the effectiveness of these strategies is necessary
- ONMS will work with partners to conduct monitoring to evaluate management measures, and then shift or revise management approaches to address areas or issues where current resource protection efforts are not meeting the desired goals

Activity 1.1.5: Establish a Sanctuary Advisory Council Research Advisory Working Group to provide recommendations on priority research needs and application of available science to conservation-based management, including adaptive management needs and opportunities.



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# Working Group Membership:

## **FKNMS Sanctuary Advisory Council** (target number: 3)

- Working Group Chair(s)
- Suggested Representative Seats
  - Conservation & Science/Research
  - User Group(s)

## **Community** (target number: 6)

- Conservation & Science (3)
- User Group(s) (3)
- Representative from the Water Quality Protection Program (1)

## **Agency Advisors**

- FWC/FWRI
- FDEP
- USFWS
- FKNMS

**Action:** Identify a WQPP representative to sit on this working group.

**Goal 2: Improve the condition of sanctuary resources and, where possible, restore ecosystem structure and function.**

**Objective 2.1: Water quality:** *Demonstrate greater leadership in engaging with local and regional partners to collectively identify and address issues and implement solutions related to water quality.*





## Goal 2: Improve the condition of sanctuary resources and, where possible, restore ecosystem structure and function.

**Objective 2.1: Water quality:** *Demonstrate greater leadership in engaging with local and regional partners to collectively identify and address issues and implement solutions related to water quality.*

### **Activity 2.1.1:** Strengthen engagement with the WQPP





## Goal 2: Improve the condition of sanctuary resources and, where possible, restore ecosystem structure and function.

**Objective 2.1: Water quality:** *Demonstrate greater leadership in engaging with local and regional partners to collectively identify and address issues and implement solutions related to water quality.*

**Activity 2.1.2:** Strengthen engagement with the South Florida Ecosystem Restoration Task Force



## Goal 2: Improve the condition of sanctuary resources and, where possible, restore ecosystem structure and function.

**Objective 2.1: Water quality:** *Demonstrate greater leadership in engaging with local and regional partners to collectively identify and address issues and implement solutions related to water quality.*

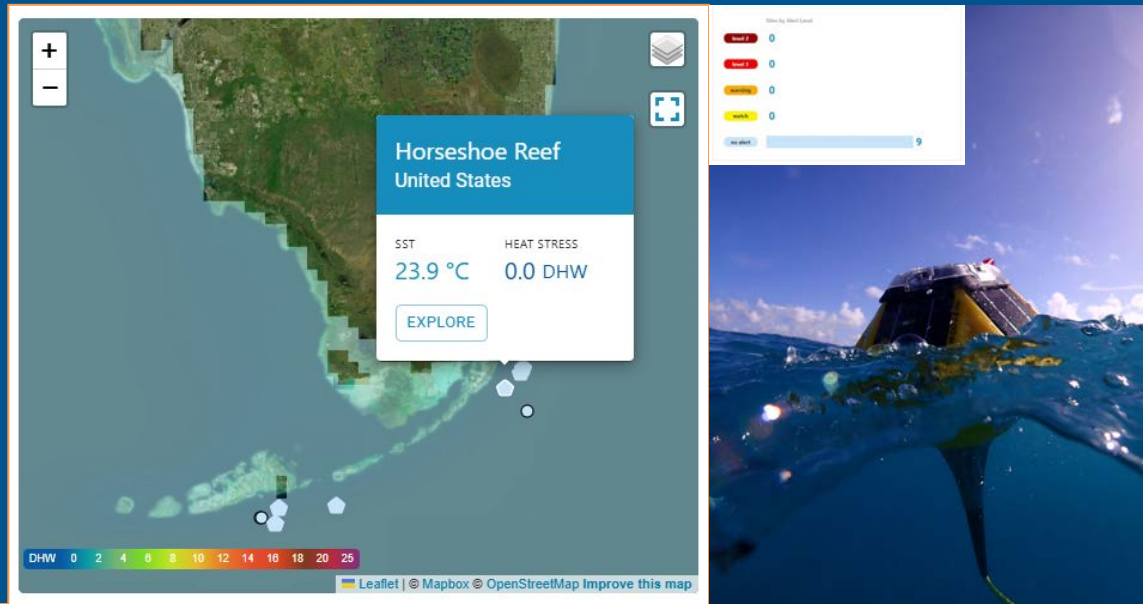
**Activity 2.1.3:** Identify additional water quality parameters that should be investigated



## Goal 2: Improve the condition of sanctuary resources and, where possible, restore ecosystem structure and function.

**Objective 2.1: Water quality:** *Demonstrate greater leadership in engaging with local and regional partners to collectively identify and address issues and implement solutions related to water quality.*

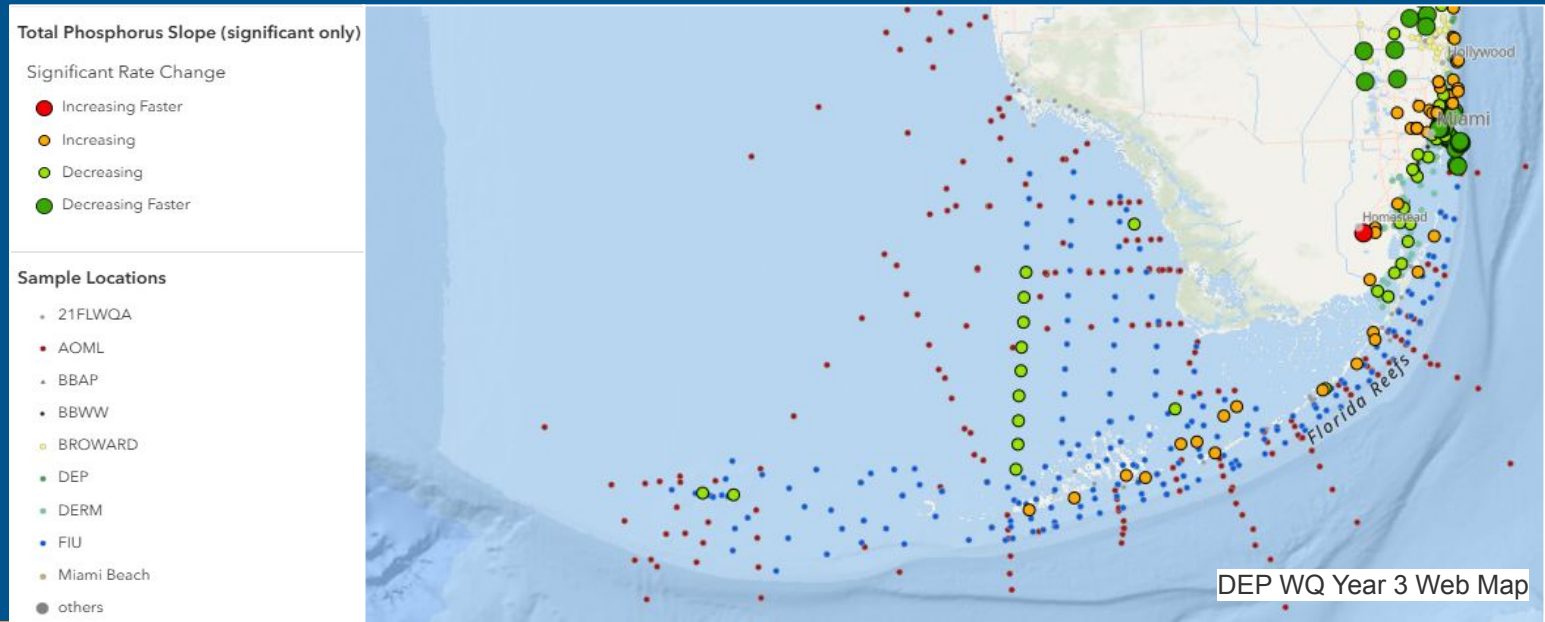
**Activity 2.1.4:** ...Evaluate existing water quality monitoring programs and recommend alterations



## Goal 2: Improve the condition of sanctuary resources and, where possible, restore ecosystem structure and function.

**Objective 2.1: Water quality:** *Demonstrate greater leadership in engaging with local and regional partners to collectively identify and address issues and implement solutions related to water quality.*

### Activity 2.1.5: Evaluate and map recent and long-term water quality data sets





## Goal 2: Improve the condition of sanctuary resources and, where possible, restore ecosystem structure and function.

**Objective 2.1: Water quality:** *Demonstrate greater leadership in engaging with local and regional partners to collectively identify and address issues and implement solutions related to water quality.*

**Activity 2.1.6:** Identify practical non-regulatory steps and solutions to improve water quality



## Goal 2: Improve the condition of sanctuary resources and, where possible, restore ecosystem structure and function.

**Objective 2.1: Water quality:** *Demonstrate greater leadership in engaging with local and regional partners to collectively identify and address issues and implement solutions related to water quality.*

**Activity 2.1.7:** ...Develop and implement a communication strategy to clearly and consistently communicate the importance of addressing water quality





# How to Access the Final Documents

1. [floridakeys.noaa.gov](http://floridakeys.noaa.gov)
2. Restoration Blueprint Thumbnail
3. Phase V Button
  - a. Final Management Plan
  - b. Final Rule
  - c. FEIS Volume I (chapters)
  - d. FEIS Volume II (appendices)
  - e. Consultation Correspondence
  - f. Final marine zone maps by region



## Restoration Blueprint

In response to public concerns about threats to the marine environment, NOAA is conducting the first major **review of regulations** in the Florida Keys since 1997.

# Questions?



# Discussion Questions:

- **Action:** Identify a WQPP representative to sit on the new SAC Adaptive Management Working Group.
- Do you have any input regarding implementation of the WQ elements of the Restoration Blueprint Management Plan?



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