

Monitoring Inventory

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Breakout Session 1 Northern Estuaries

Instructions: Please use this Table of Contents as a guide to navigate the Monitoring Inventories. The Table of Contents provide a short descriptive title of the monitoring plans, the indicator in focus, the implementing agency, the degree which is linked to CERP and a reference number where additional source of information can be found within the Monitoring Inventory.

Link to CERP: Indicates the degree to which the monitoring program links with CERP. Criteria are as follows:

High: monitoring does occur within CERP footprint and monitoring is focused on a CERP indicator

Moderate: monitoring occurs within CERP footprint or monitoring is focused on a CERP indicator.

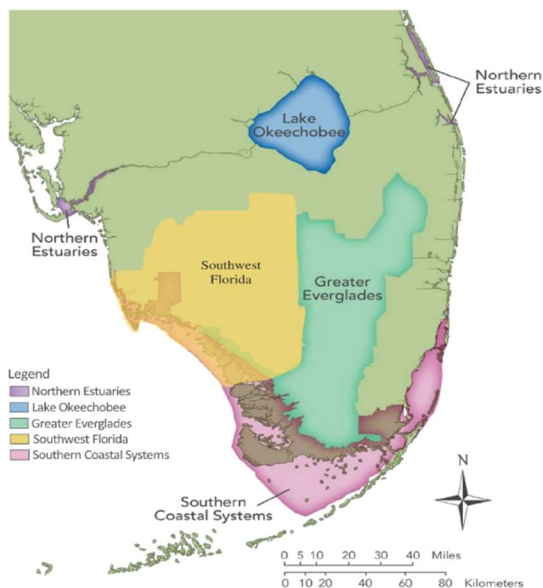
Low: monitoring does not occur within the CERP footprint and monitoring is not focused on a CERP indicator.

Monitoring Title: short description of the monitoring plan.

Indicator: organism or system components being monitored.

Agency: Agency/Tribe/Institution implementing or administering the monitoring.

Reference #: number that corresponds to the Monitoring Inventory where additional information can be found.



Northern Estuaries Module

Link to CERP	Monitoring Title	Indicator	Agency	Ref #
High	Sportfish movements and health in the SLR Estuary.	Fish	FWC, SFWMD	56
High	Species abundance of large fish in SLR & southern IRL	Fish	FWC	74
High	Species abundance of small fish communities in SLR and Lox River	Fish	FWC	75
High	Smalltooth sawfish abundance, movement and distribution in Caloosahatchee and St. Lucie Estuaries	Fish	FWC	76
High	Fish abundance and distribution links to hydrology in the SLR estuary	Fish	SFWMD	704
High	Smallthoorn Abundance in Northern Estuaries	Fish - Smalltooth Sawfish	NOAA	256
High	Salinity regimes and water quality effects on benthic infauna in SLR & IRL	Infauna	USACE	311
High	Clam distribution and density link to hydrology in the Caloosahatchee River	Macroinvertebrates	SFWMD	705
High	Oyster Abundance and health in Caloosahatchee River, SLR, Loxahatchee River and Lake Worth Lagoon	Oysters	FWC	159
High	Oyster distribution and abundance in SLR, Loxahatchee and Caloosahatchee River	Oysters	SFWMD	702
High	Water Quality in the near-shore environments of FL Keys and southwest FL.	Phytoplankton	NOAA	270
High	Freshwater inflow impacts on water quality and estuarine productivity	Phytoplankton	SFWMD	688
High	Salinity and Water Quality impacts from freshwater inflow.	Salinity	SFWMD	689
High	Loxahatchee groundwater and surface water depth and salinity	Salinity	SFWMD	699
High	SAV seedbank and water quality in SLR estuary	SAV	USEPA	189
High	SAV, Lake Condition Index and other surface water chemistry	SAV	FDEP/DEAR	468
High	SAV distribution and abundance in southern IRL, SLR, and Caloosahatchee River estuaries.	SAV	SFWMD	703
High	Elevation changes in mangrove wetlands impacts from rising sea level	Surface Elevation Change	USFWS	242
High	Loxahatchee river vegetation impacts from saltwater intrusion	Vegetation	SFWMD	700-701
High	Wading bird nesting effort in Sanibel Island	Wading Birds	USFWS	245
High	Loxahatchee groundwater and surface water depth and salinity	Water Depth	SFWMD	698
High	Effects on water quality and salinity from freshwater discharge in Sanibel Island	Water Quality	USFWS	246
High	Zooplankton abundance and community structure in SLR estuary.	Zooplankton	SFWMD	691-696
Moderate	Dissolved oxygen and other surface water chemistry	Dissolved Oxygen	FDEP/DEAR	409
Moderate	Water quality and other chemistry in the FL keys and southwest FL shelf.	eDNA Biodiversity	NOAA	262
Moderate	Elevation changes over time in STAs	Elevation	SFWMD	687
Moderate	Statewide exotic species richness	Exotic Fauna	FWC	47
Moderate	Exotic flora, Lake Condition Index and other surface water chemistry	Exotic Flora	FDEP/DEAR	398

Moderate	Nutrients and other surface water chemistry	Nutrients	FDEP/DEAR	416
Moderate	Percent cover, Lake Condition Index and other surface water chemistry	Percent Cover	FDEP/DEAR	423
Moderate	Phosphorus and other surface water chemistry	Phosphorus	FDEP/DEAR	429
Moderate	Phytoplankton and other surface water chemistry	Phytoplankton	FDEP/DEAR	456
Moderate	Water quality in SLR Estuary Seagrass Restoration Project	Porewater	USEPA	183
Moderate	Salinity and surface water chemistry	Salinity	FDEP/DEAR	462
Moderate	SAV species abundance for manatee health	SAV	USFWS/USGS	244
Moderate	Species abundance, Lake Condition Index and other water chemistry	Species Abundance	FDEP/DEAR	436
Moderate	Species diversity, Lake Condition Index and other surface water chemistry	Species Diversity	FDEP/DEAR	443
Moderate	Vegetation, Lake Condition Index and other surface water chemistry	Vegetation	FDEP/DEAR	476
Moderate	Water depth and other surface water chemistry	Water Depth	FDEP/DEAR	490
Moderate	Water depth and other surface water chemistry	Water Depth	FDEP/DEAR	404
Moderate	Dissolved oxygen, temperature and salinity in FL keys and southwest FL	Water Quality	NOAA	280
Moderate	Nutrients and water quality in FL keys and southwest FL	Water Quality	NOAA	284
Moderate	Phosphorus and water quality in FL keys and southwest FL	Water Quality	NOAA	288
Moderate	Temperature and water quality in FL keys and southwest FL	Water Quality	NOAA	291
Moderate	Water quality and other chemistry	Water Quality	FDEP/DEAR	506
Moderate	Water quality to improve STA's performance	Water Quality	SFWMD	684
Moderate	Freshwater inflow effects on nutrients in estuarine environments	Water Quality	SFWMD	690
Low/none	Statewide harmful algal bloom data	Algal Blooms	FWC	83
Low/none	Statewide sea turtle nesting success	Sea turtles	USFWS/FWC	236-237
Low/none	Water quality and sediments in St Lucie Estuary Restoration Project	Sediment	USEPA	184
Low/none	Baseline soil sampling to compare changes STAs	Sediment	SFWMD	685
Low/none	Temperature and other surface water quality	Temperature	FDEP/DEAR	449