



FY14-15 MAP Discussion

Recommendations

From Oct 2011 TF Meeting

1. Direct the SCG to assess the loss of system-wide ecological indicators and provide recommendations on how to best retain their intended purpose

Biennial Report – due this year

2. Direct the SCG and WG to work with RECOVER to review the MAP to ensure it is positioned to support the Everglades next step planning process, evaluate ongoing projects, and continue an adaptive management approach to restoration regarding monitoring recommendations related to the System-wide Ecological Indicators reporting and support of the Central Everglades Planning Project (CEPP)



Monitoring and Assessment Plan (MAP)

- Organization of monitoring and assessment data via hypothesis clusters
- Assessment across geographic module boundaries
- Emphasis on a comprehensive data mgmt system to adequately assess and report on the results of system-wide monitoring as it relates to CERP



Benefits of MAP

- Managers will make decisions with more adequate levels of information and greater certainty
- Ability to attribute change (cause and effect) to CERP
- Greater ability to distinguish between natural changes and CERP implementation
- Increased ability to determine the effects of operations on the hydrology and ecology
- MAP funding for some monitoring components are positively leveraged for non-CERP funding sources
- Others use MAP data, and MAP/SSR uses other's data



FY13 MAP

- Use the same prioritization list as FY12
- Use similar funding levels as FY12
 - \$4,169,642 = 48.4% reduction from FY11
 - USACE - \$3,518,642
 - SFWMD - \$651,123
 - 2 contracts (\$499,195) had FY11 funding to cover most of FY12 work
 - Wet Season Prey
 - ENP Vegetation Mapping
 - Need to factor those 2 contracts into FY13 budget



FY13 Monitoring

Unknowns

- FY13 Budgets
 - USGS
 - NOAA
 - DOI
 - Others
- Cost Share between USACE and SFWMD
- Resources for 2014 SSR



Ecological Indicators

- Periphyton-Epiphyton
- Marsh Fish & Macroinvertebrates
- Roseate Spoonbills
- Woodstork & White Ibis
- Eastern Oysters
- Exotic Plants
- Juvenile Pink Shrimp
- Florida Bay SAV
- Florida/Biscayne Bay Algal Blooms
- Lake Okeechobee Littoral Zone
- Crocodilians

Drawn largely from longer list of measures from RECOVER



FY14-15 Monitoring

What is the best method to engage and coordinate with the SCG to ensure a MAP that supports Ecosystem Restoration in South Florida?



Potential Areas of SCG Engagement?

- Continue to focus on priority system-wide monitoring for CERP/SSR and TF Ecological Indicators
- Continue efforts to improve efficiencies and reduce overlap in a more comprehensive manner and across programs
- Continue to support communicating science
- Others?

... Discussion ...

