

LOXAHATCHEE RIVER WATERSHED RESTORATION PROJECT

Project Delivery Team Meeting

May 31, 2017

Plan Formulation Approach

Bradley Foster, USACE

Federally designated as a National Wild and Scenic River, the Loxahatchee River and its watershed are homes to 33 federally threatened and endangered species, 20 federally protected migratory bird species, and 30 additional State's species of concern

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U.S. ARMY



US Army Corps
of Engineers

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One of the Last Old Growth Cypress
Floodplains in the SE Florida



Last Large Freshwater Wetland
Corridor in Project Area



Vulnerable estuarine habitats



Project Objectives



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Objective 1: Restore wet & dry season flows of water to the Northwest Fork of the Loxahatchee River and the river floodplain

Objective 2: Restore estuarine communities in the Loxahatchee River Estuary

Objective 3: Increase spatial extent & function of remaining natural areas

Objective 4: Restore connections among the Loxahatchee River headwater natural areas to improve hydrology, sheetflow, hydroperiods, natural storage, & vegetation communities

Objective 5: Restore native plant & animal species abundance & diversity

Federal Interest: Federal budgetary priorities are Navigation, Flood Risk Management (inland and coastal), and Aquatic Ecosystem Restoration. In general, other project purposes are not supported.



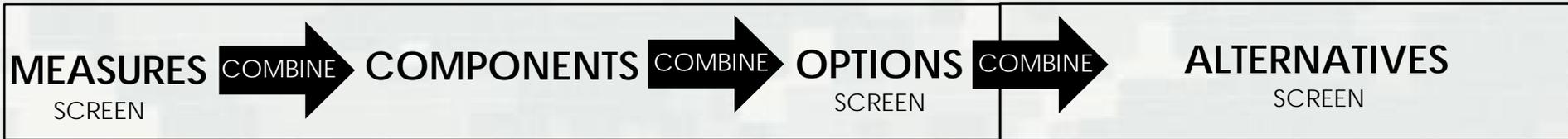
Plan Formulation & Evaluation



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DEVELOP BY FLOWWAYS RECOGNIZING INTERDEPENDENCE

INTEGRATE OPTIONS ACROSS FLOWWAYS



The proposed approach since April 2016

- Model and evaluate the focused array of alternatives
- Take a close look at the alternatives and their performance; consider developing revised, hybrid alternative(s)
- Model the hybrid alternative(s)
- Redo the evaluation and comparison of all the alternatives to identify a Tentatively Selected Plan (TSP)

In today's morning session, we discussed modeling status
This afternoon, we will consider revised alternatives



Refined / Hybrid Alternatives



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- Refinement has always been part of the LRWRP study plan
 - Optimize alternatives
 - Height of measures
 - Location
 - Size of measures (scale)
 - Operation of individual measures
 - Operational priority of FW1 and FW2
 - Remove individual measures
 - Hybrid: combine measures from other alternatives
- Not include entirely new measures