

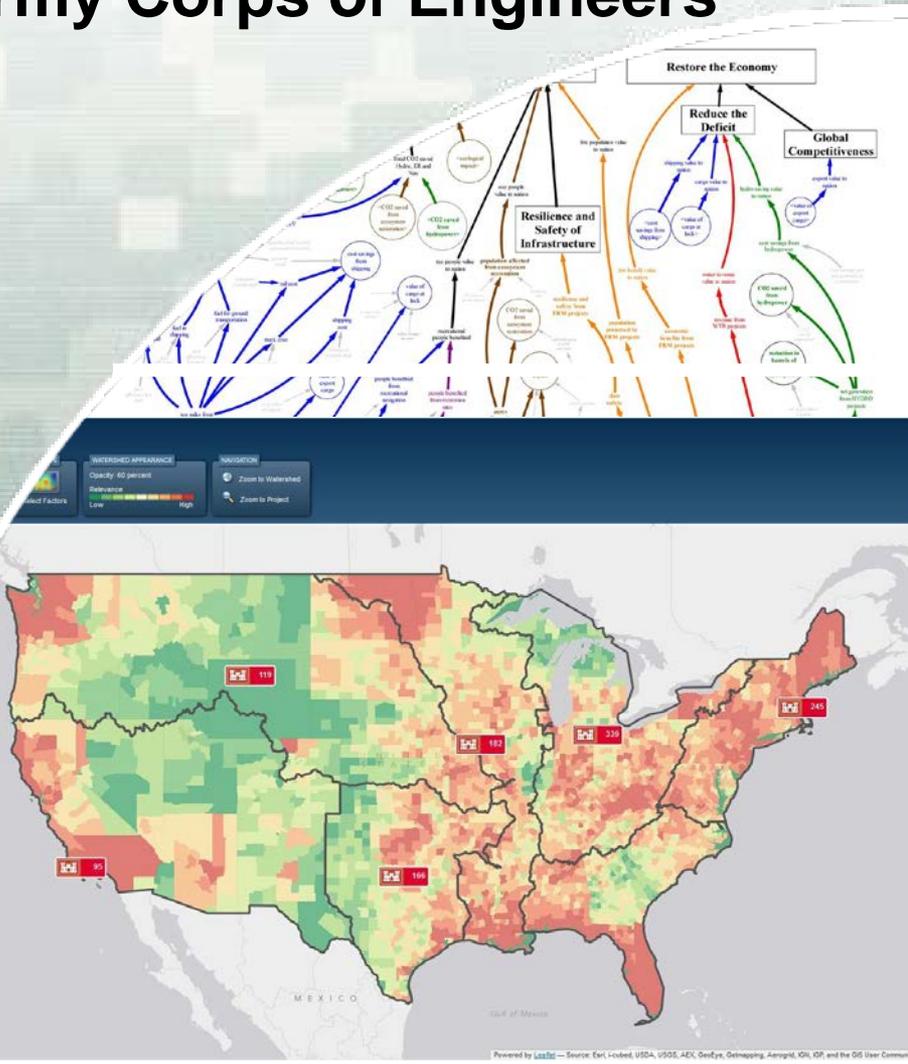


Watershed Budget Introduction

U. S. Geological Survey – U.S. Army Corps of Engineers Joint Headquarters Meeting

9 May 2013

Mark Sudol, NDC Director, IWR



US Army Corps of Engineers
BUILDING STRONG[®]

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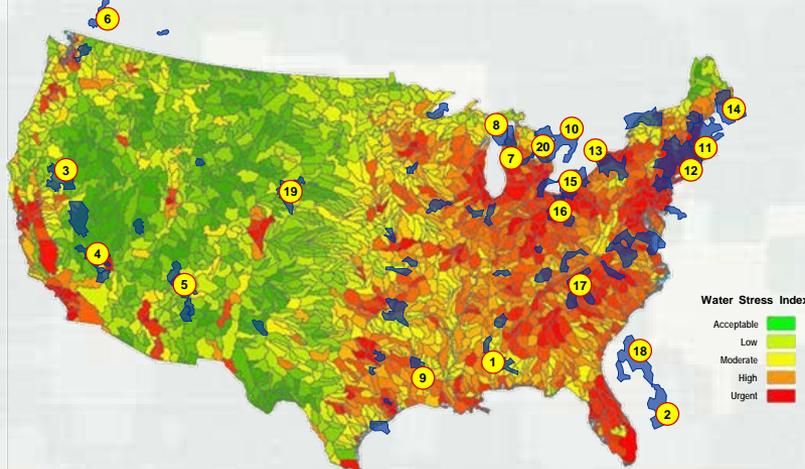
USACE Infrastructure Strategy End State

USACE CW water resources infrastructure that is relevant, resilient, and reliable utilizing IWRM strategies to address water resources needs sustaining communities, energy, water, and land resources.

UIS will help Corps face the challenge associated with our CW mission to manage our Nation's aging water resources infrastructure and fulfill our mission requirements within emerging budget constraints.

National Portfolio based on Watersheds

Example: National Water Stress by 8 Unit HUC
Top 20 (1%) with Highest ranking



Four Major UIS components:

- Lifecycle Portfolio Analysis
- Alternative Financing
- Comprehensive Watershed Approach
- Strategic Communications





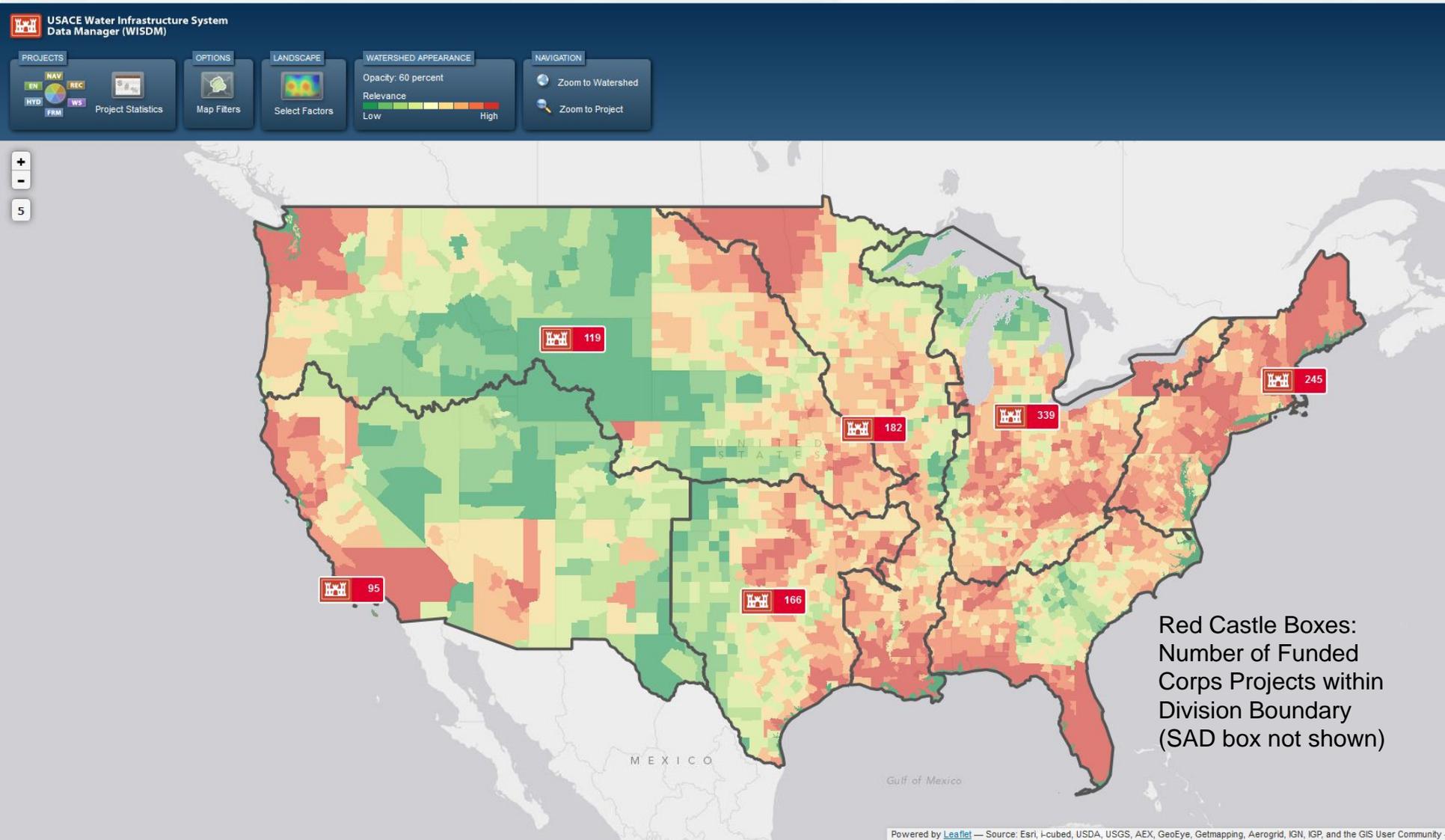
Comprehensive Watershed Approach

- Evaluate Corps infrastructure across watersheds and systems, linking other projects (Fed and non-Fed)
- Focus on Federal benefits/Value to Nation but also maximizing watershed priority needs
- Current actions:
 - ▶ Develop geospatial inventory and tools (WISDM, iBET)
 - ▶ Conduct series of pilots
 - ▶ Incorporate non-Corps projects into budget evaluation
 - ▶ Collaboration and partnering skills critical
- Linkages for interagency budgeting in the future



WISDM Map: Potential Areas of High Flood Risk “Heat Map” based on:

- FEMA Flood Risk Data by census Block (Red: Highest Risk)
- Historic Disasters by County (Red: Highest number)
- Density of Population for 1021 census (Red: Highest population density)



Integrated Budget Evaluation Tool (iBET)

Portfolio Operations
Reporting and Analysis
Tables

New Portfolio Clone Current Portfolio
 Open Portfolio Delete Portfolio
 Save Portfolio Close Portfolio

Target Jobs Target Energy Independence Target Global Competitiveness Total Budget

Edit Portfolio by Adding/Removing Line Items Create New Stratagem Workflow Choose Stratagem Workflow Edit Current Stratagem Workflow

Apply Stratagem Workflow Delete Stratagem Workflows Undo Last Stratagem

Standard Portfolio Operations Portfolio Editing Workflows

T1 FY13EQub T3 FY13EQub

Portfolio T1 FY13EQub
 Total Budget = \$3,701,791,000
 Line items in Portfolio = 6058/15231

Perf Metrics % Full Capability Overall Value Display Changes

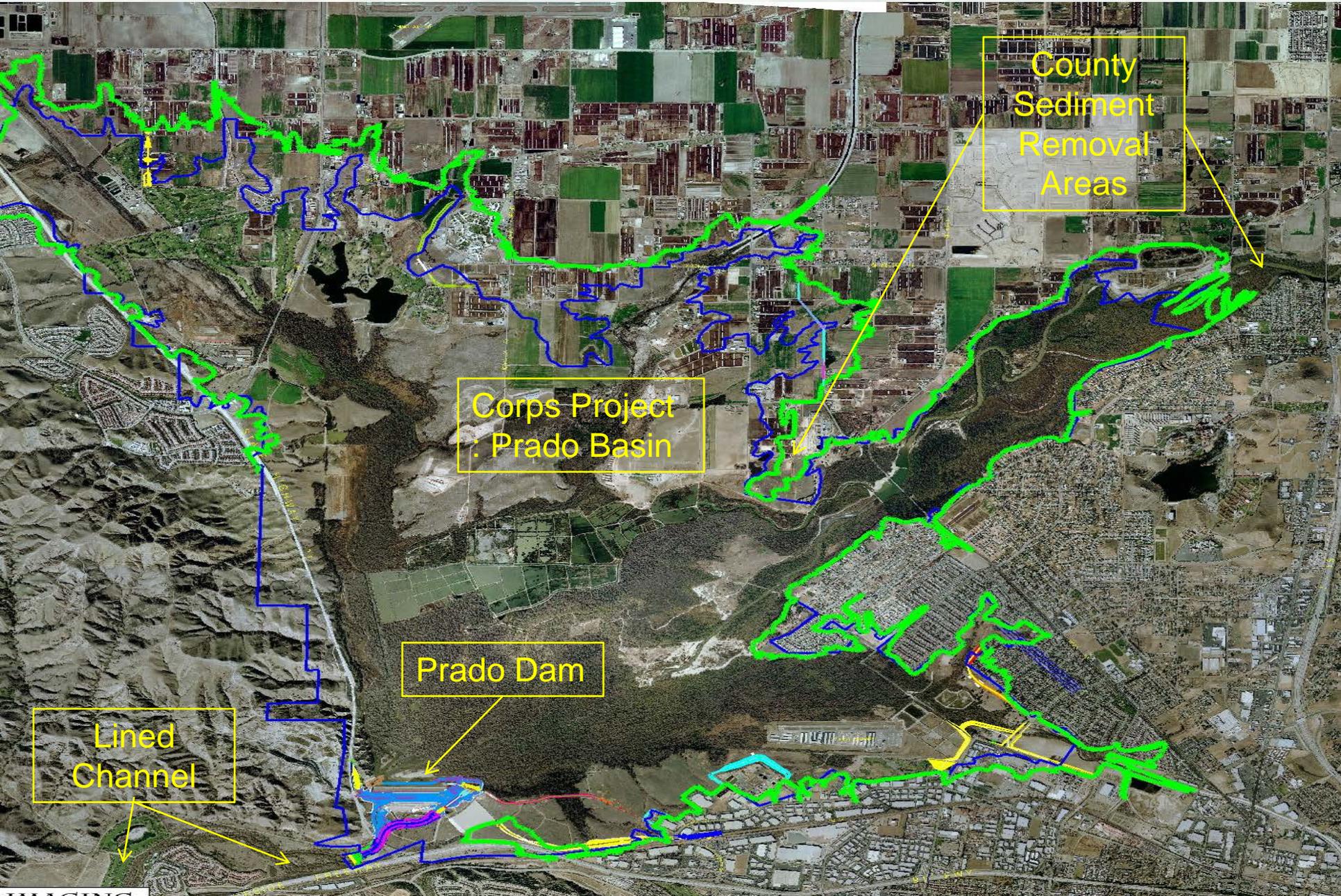
BUSINESS LINE	EROC	P2 PROJECT NUMBER	STATE	CWIS	PROGRAM NAME
ENR	B1	134715	TN	134715	MEMPHIS METRO AREA, STORM WATER MANAGEMENT STUDY, TN
ENR	B1	142619	AR	013842	LOWER MISSISSIPPI RESOURCE ASSESSMENT, AR, IL, KY, LA, MS, MO TN
ENR	B2	108788	LA	077054	ATCHAFALAYA BASIN, FLOODWAY SYSTEM, LA
ENR	B2	118001	LA	077054	ATCHAFALAYA BASIN, FLOODWAY SYSTEM, LA
ENR	B2	118001	LA	077054	ATCHAFALAYA BASIN, FLOODWAY SYSTEM, LA
ENR	B2	118002	LA	077054	ATCHAFALAYA BASIN, FLOODWAY SYSTEM, LA
ENR	B2	118956	LA	013573	LOUISIANA COASTAL AREA ECOSYSTEM RESTORATION, LA
ENR	B2	142871	LA	013573	LOUISIANA COASTAL AREA ECOSYSTEM RESTORATION, LA
ENR	B2	352922	LA	156654	LOUISIANA COASTAL AREA COMPREHENSIVE PLAN, LA
ENR	B2	118958	LA	013573	LOUISIANA COASTAL AREA ECOSYSTEM RESTORATION, LA
ENR	B2	118963	LA	013573	LOUISIANA COASTAL AREA ECOSYSTEM RESTORATION, LA
ENR	B2	118967	LA	013573	LOUISIANA COASTAL AREA ECOSYSTEM RESTORATION, LA
ENR	B2	136176	LA	013573	LOUISIANA COASTAL AREA ECOSYSTEM RESTORATION, LA
ENR	B2	136177	LA	013573	LOUISIANA COASTAL AREA ECOSYSTEM RESTORATION, LA
ENR	B2	118963	LA	013573	LOUISIANA COASTAL AREA ECOSYSTEM RESTORATION, LA
ENR	B2	118964	LA	013573	LOUISIANA COASTAL AREA ECOSYSTEM RESTORATION, LA
ENR	B2	134097	LA	013573	LOUISIANA COASTAL AREA ECOSYSTEM RESTORATION, LA
ENR	B3	111135	IL	076150	UPPER MISSISSIPPI RIVER RESTORATION, IL, IA, MN, MO WI
ENR	B3	114389	IL	076150	UPPER MISSISSIPPI RIVER RESTORATION, IL, IA, MN, MO WI
ENR	B3	143665	IL	076150	UPPER MISSISSIPPI RIVER RESTORATION, IL, IA, MN, MO WI
ENR	B5	117466	IL	013818	ILLINOIS RIVER BASIN RESTORATION, IL
ENR	B5	145496	IA	145496	HUMBOLDT, IA

Drag a column header here to group by that column

[EMDSR In Portfolio] = '1'

Status:

Watershed Budget Example: SPD Pilot



Linkage Diagram

