

# South Atlantic Division US Army Corps of Engineers

**WEDA – Eastern Chapter**

**Miami, FL**

**10 October 2012**

**COL Ed Jackson**

**Commander**

**South Atlantic Division**

**US Army Corps of Engineers**



®

US Army Corps of Engineers  
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# The US Army in 2012



*Over the next five years, the Army will decrease its end-strength from a peak authorized strength of about 570,000 to 490,000 Active Army, 358,000 to 353,500 Army National Guard and 206,000 to 205,000 Army Reserve Soldiers as directed.*

**ARMY GLOBAL COMMITMENTS: 192,420 SOLDIERS IN NEARLY 150 COUNTRIES**



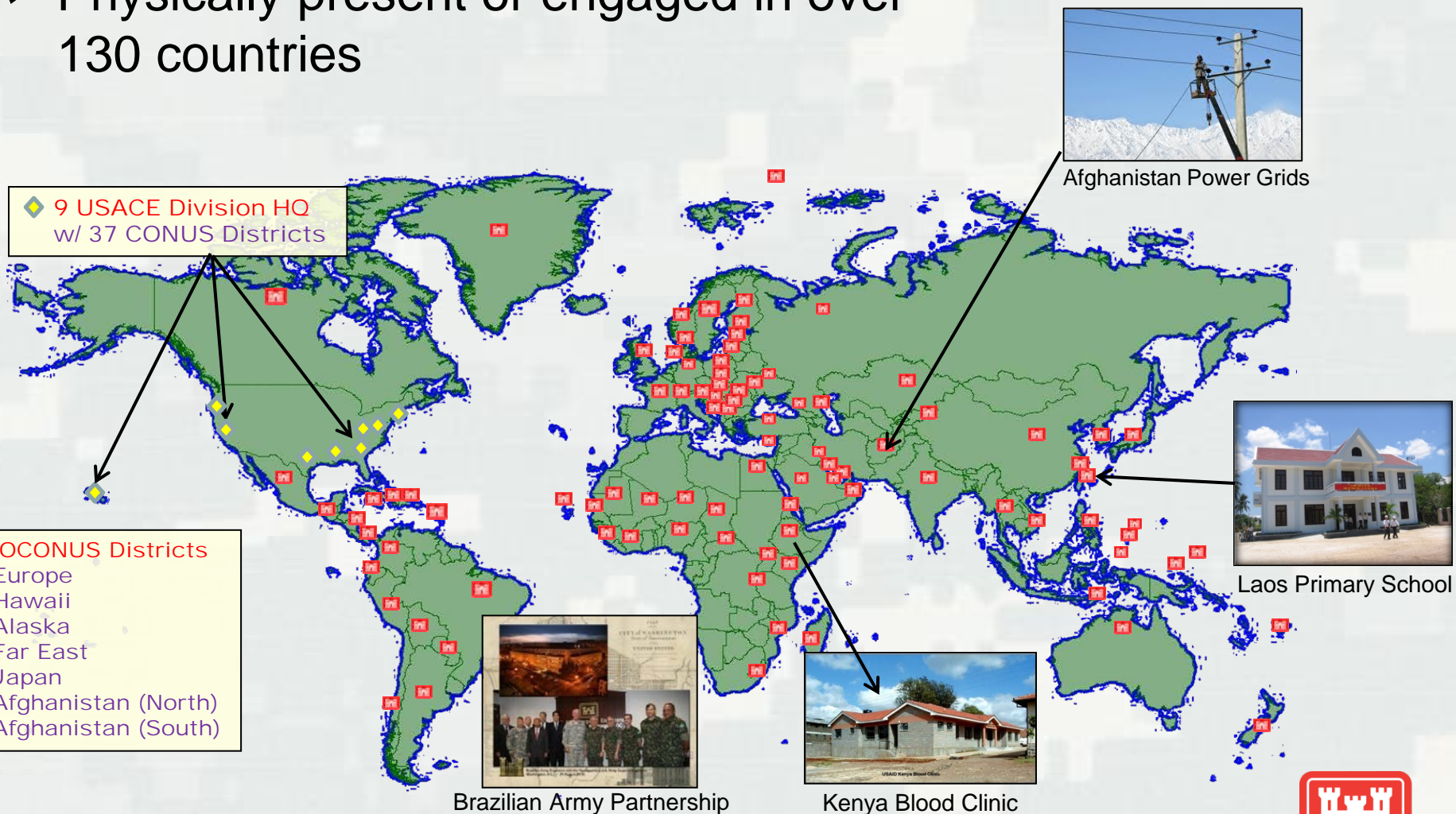
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# WHERE WE ARE — U.S. ARMY CORPS OF ENGINEERS



# USACE Global Engagement

✓ Physically present or engaged in over 130 countries



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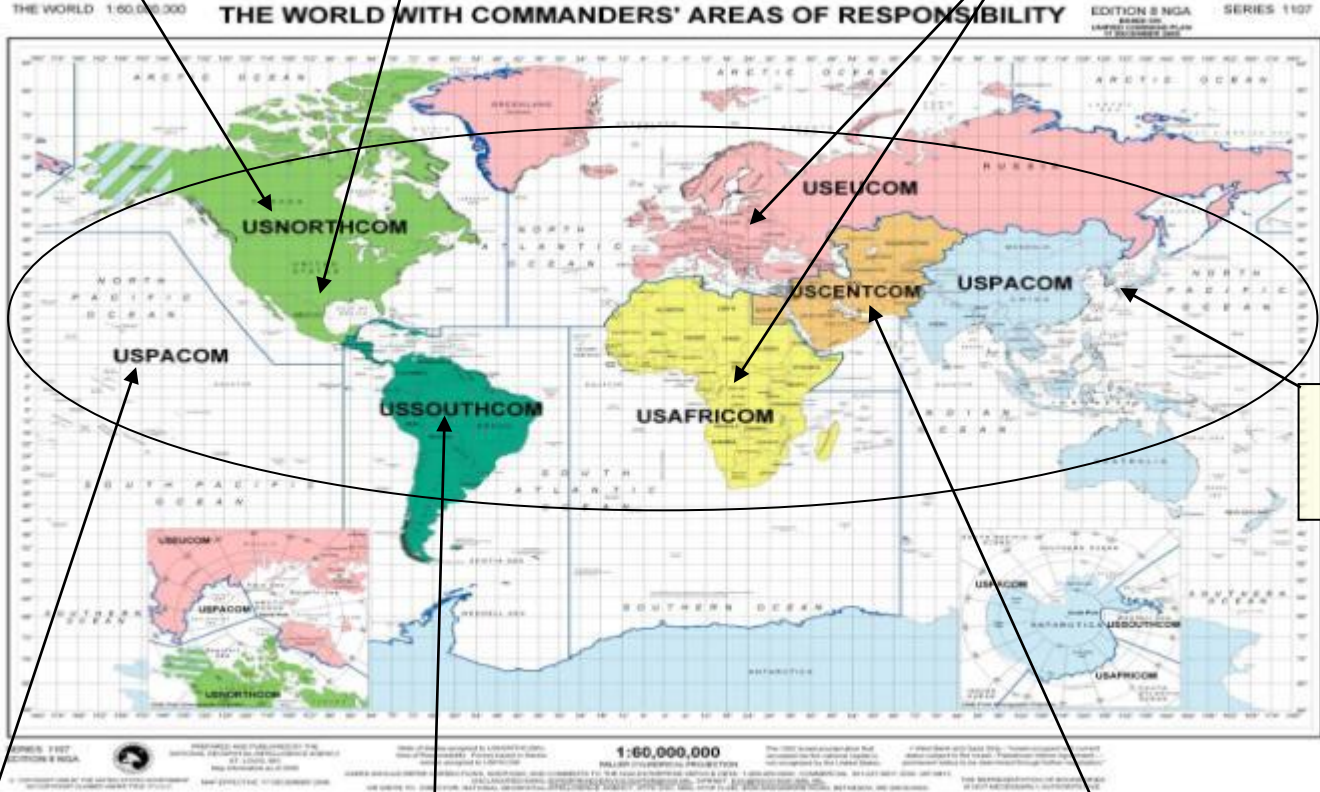
# Geographic Combatant Commands, Agency Liaisons & MSC Alignments

Northwest Division  
NORTHCOM

HQ USACE  
ARNORTH

North Atlantic Division  
EUCOM  
AFRICOM

HQ USACE  
Joint Staff  
Hampton Roads  
SOCOM  
TRANSCOM  
STRATCOM  
CYBERCOM  
USAID  
Asst Sec Def  
for HD  
FEMA



Pacific Ocean  
Division  
USFK / 8A

Pacific Ocean Division  
PACOM

South Atlantic Division  
SOUTHCOM  
ARSOUTH

Trans-Atlantic Division  
CENTCOM  
ARCENT



# Contingency Operations

## Contingency Operational Support (18 Sep 2012)

- Total Workforce Deployed: 78
- Deployments (Afghanistan): 72
- Deployments to Non-USACE Response Organizations: 6
- Deployments Scheduled within the next 90 days: 16

## Field Force Engineering Teams (FEST)

- Savannah FEST-A (542<sup>nd</sup> Eng Det): Deploy to Afghanistan Jan 13
- Mobile FEST-A and Basecamp Development Team (BDT): Return from Afghanistan 28 Oct 12
- Contingency Real Estate Support Team (CREST) and Environmental Support Team (ENVST): All districts support the teams



**Supporting overseas missions  
while executing massive missions at home**



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# USACE Program Areas

**HQ**

## FY12 Military Program

\$ 25 B (SAD \$3.3 B)

11,100 personnel (SAD 1293)

Military Construction

Contingency Operations

Installation Support

International and (SAD \$370M)  
Interagency Support

**Engineer  
Commands**

**9 Divisions**

(Direct Funded)

**45 Districts**

(Project Funded)

Homeland Security

Environmental

Real Estate

**Private  
Industry  
Partners**

## FY12 Civil Works Program

\$ 4.75 B (SAD \$1.2B)

22,600 personnel (SAD 2303)

Navigation

Hydropower

Flood Risk Management

Shore Protection

Ecosystem Restoration

Emergency Management

Water Supply

Regulatory

Recreation

+ \$2B in support to other agencies

U.S. Army Geospatial Center

\$365 M

200 personnel

Engineer Research and Development Center

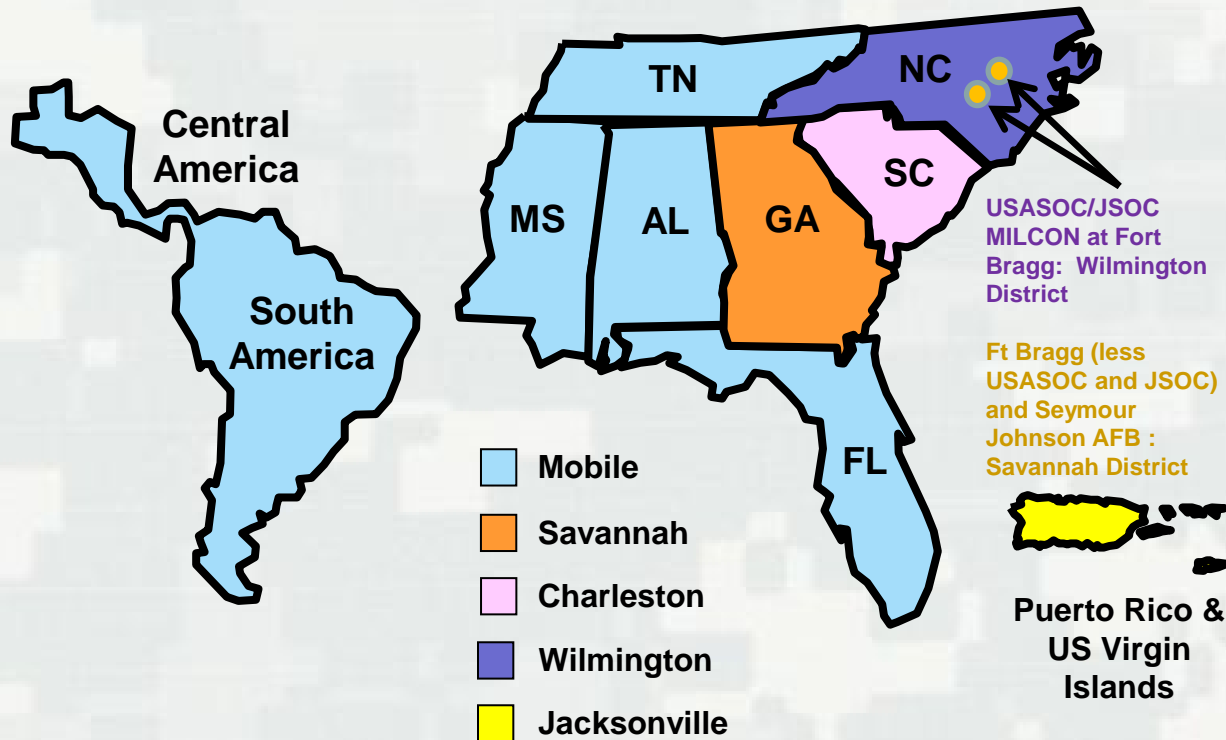
\$1.5 B

2300 personnel



# South Atlantic Division Boundaries (Military Construction)

***FY07-FY12 Military Construction Program \$17.8B in 6 years!!***



Military Construction

Base Realignment & Closure (BRAC)

Overseas Contingency Operations (OCO)

Installation Support

Environmental & Formerly Used Defense Sites (FUDS)

Interagency & International Services (IIS)

Real Estate

✓ 11 Major Army Posts/13 Major Air Force Bases/6 Major Commands

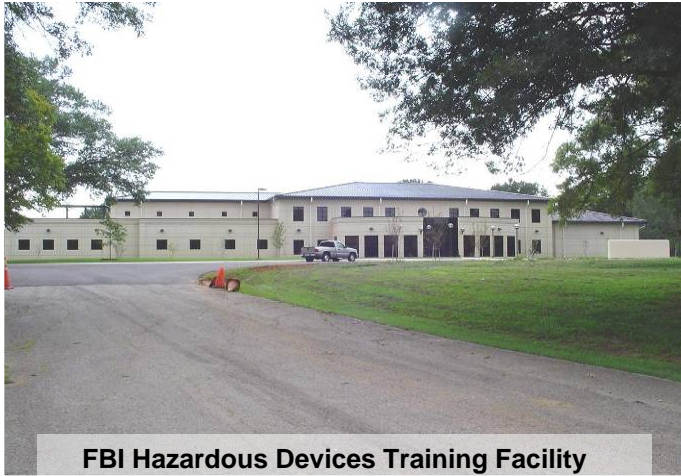


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# International and Interagency Support

## CONUS



FBI Hazardous Devices Training Facility

### CONUS Customers

- Environmental Protection Agency
- Dept of Veterans Affairs
- Immigration and Customs enforcement
- FBI
- Government Printing Office
- NASA
- Alcohol, Tobacco, and Firearms
- Federal Aviation Administration
- Federal Emergency Management Agency
- Department of Energy, NNSA (PDCF)
- Federal Law Enforcement

## OCONUS

### International Programs Area of Operations



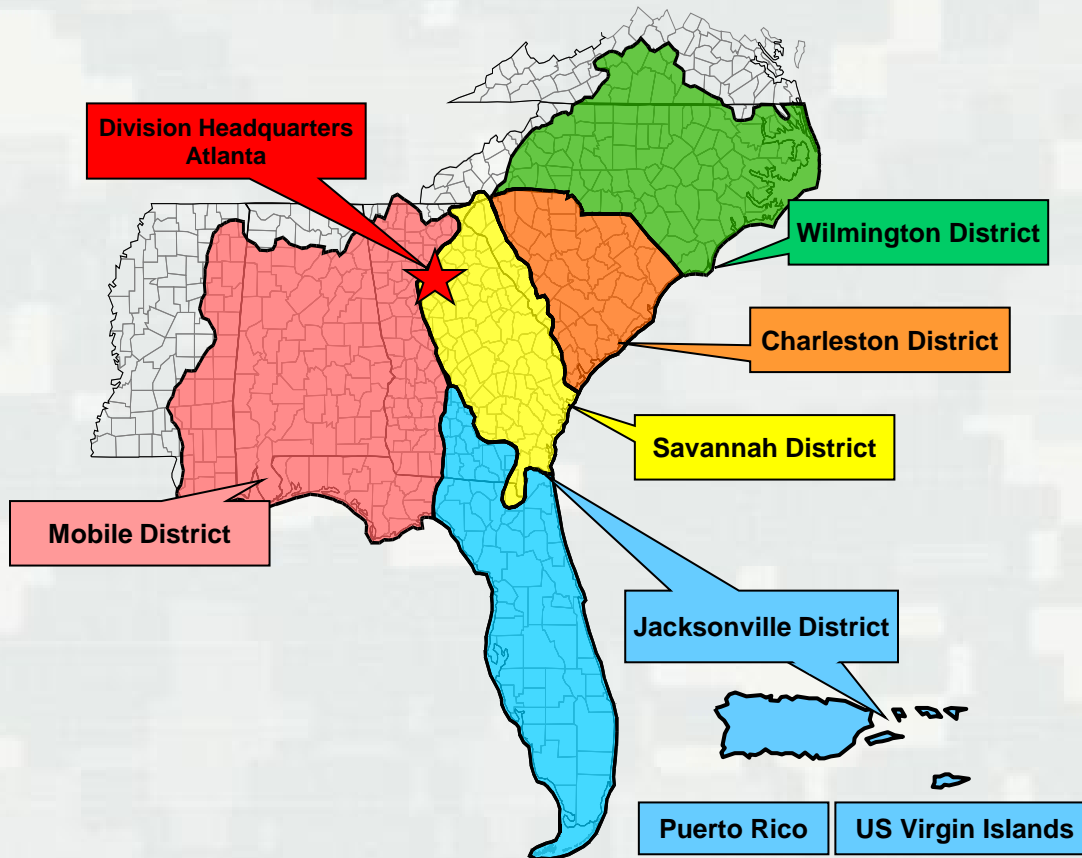
Executing \$62 M working on more than 100  
projects in 14 countries



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# South Atlantic Division Boundaries (Civil Works)

**FY07-FY12 Civil Works Program \$5.1B in 6 years!!**



- 31 Lakes (6 of 10 most visited)
- 1268 Miles of Levees
- 49 Dams Total (14 FDR)
- Hydropower – 2<sup>nd</sup> in Capacity (14 plants in 5 states)
- 32 Deep Draft Harbors
- 32 Locks
- Everglades \$756 M



# Civil Works Program Highlights

## Everglades:

- \$18.0 billion over 20 years
- Master Agreement signed

## Post-Panamax Harbor Deepening:

- Synchronization of National Plan/Economics
- Savannah, Miami, Charleston, and Jacksonville (4 of 5 “We Can’t Wait” initiative port development projects)

## Mississippi Coastal Improvement:

- \$1.1 billion over 10 years
- Large scale buyout of coastal areas

**\$1.883 B** Navigation **38%**

**\$1.425 B** Flood Risk Management **28%**

**\$621 M** Ecosystem Restoration **12%**

**\$193 M** Hydropower **4%**

**\$243 M** Recreation & Natural Resources Management **5%**

**\$193 M** Regulatory Program: Wetlands & Waterways **4%**

**\$6 M** Water Supply **< 1%**

**\$185 M** Expenses **4%**

**Environment and infrastructure hand in hand**



# Major Civil Works Projects



**Savannah Harbor Expansion Study**  
Total Project Amount: \$ 660M



**Portuguese Dam (Puerto Rico)**  
Total Project Amount: \$ 805M



**Mississippi Coastal Improvement**  
Total Project Amount: \$ 687M



**Herbert Hoover Dike (Okeechobee Lake, FL)**  
Total Project Amount: \$ 2.1B



# Civil Works Transformation

## Why Transform the Civil Works Program?

- Transformation will promote enhanced capabilities and greater involvement, ownership, concurrence and commitment among internal USACE team members, local sponsors, and partners.
- Shared learning and enhanced understanding of mutual challenges can provide creative alternatives and sources of funding, and important, sustained feedback.
- It will set a clear direction for the CW program to meet the Nation's current and emerging water resources needs.

## Transformation Target Areas

### Budget Development Process

- Budget transformation seeks to change the budget development process from a project-centric basis to one that involves a [systems-based, watershed approach](#) to decision making.

### Infrastructure Strategy

- Modernization includes [improvements to policies and procedures](#) that govern federal water resources development, and strategies for both managing the Nation's aging infrastructure and restoring aquatic ecosystem functions. (Lock Levels of Service)

### Methods of Delivery

- Major Civil Works Methods of Delivery initiatives underway include Dam Safety Production Centers, Inland Navigation Design Centers, and Deep Draft Navigation Economics. Aggregating engineering resources in Design Centers is essential to [efficiency and maintaining technical competence](#).

### Planning Process

- The revised study management process will ensure studies are completed in less time without jeopardizing the quality of engineering, environmental and economic analyses. Feasibility studies will adhere to the [3x3x3 methodology](#).

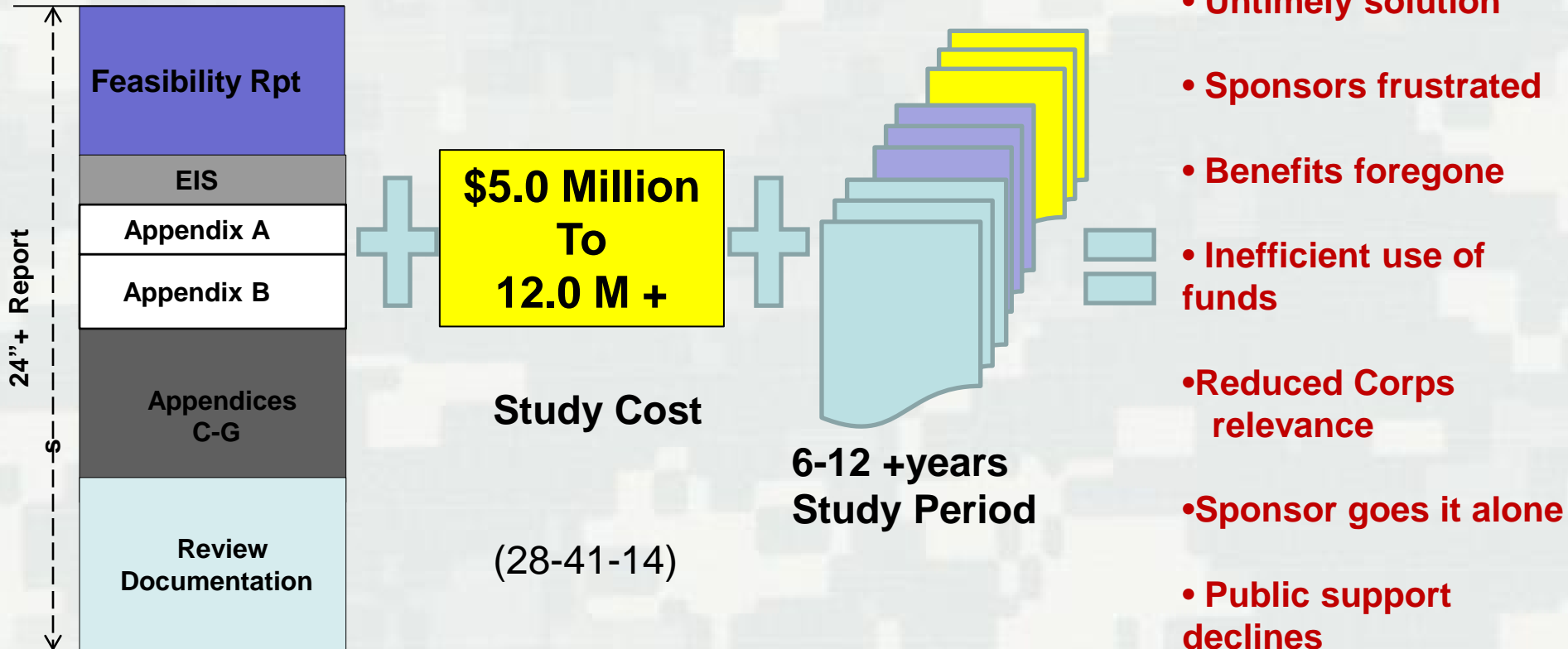




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# Modernizing the Planning Process

## Past and Present Planning Paradigm





**What is bigger...SHEP Study or COL Hall?**

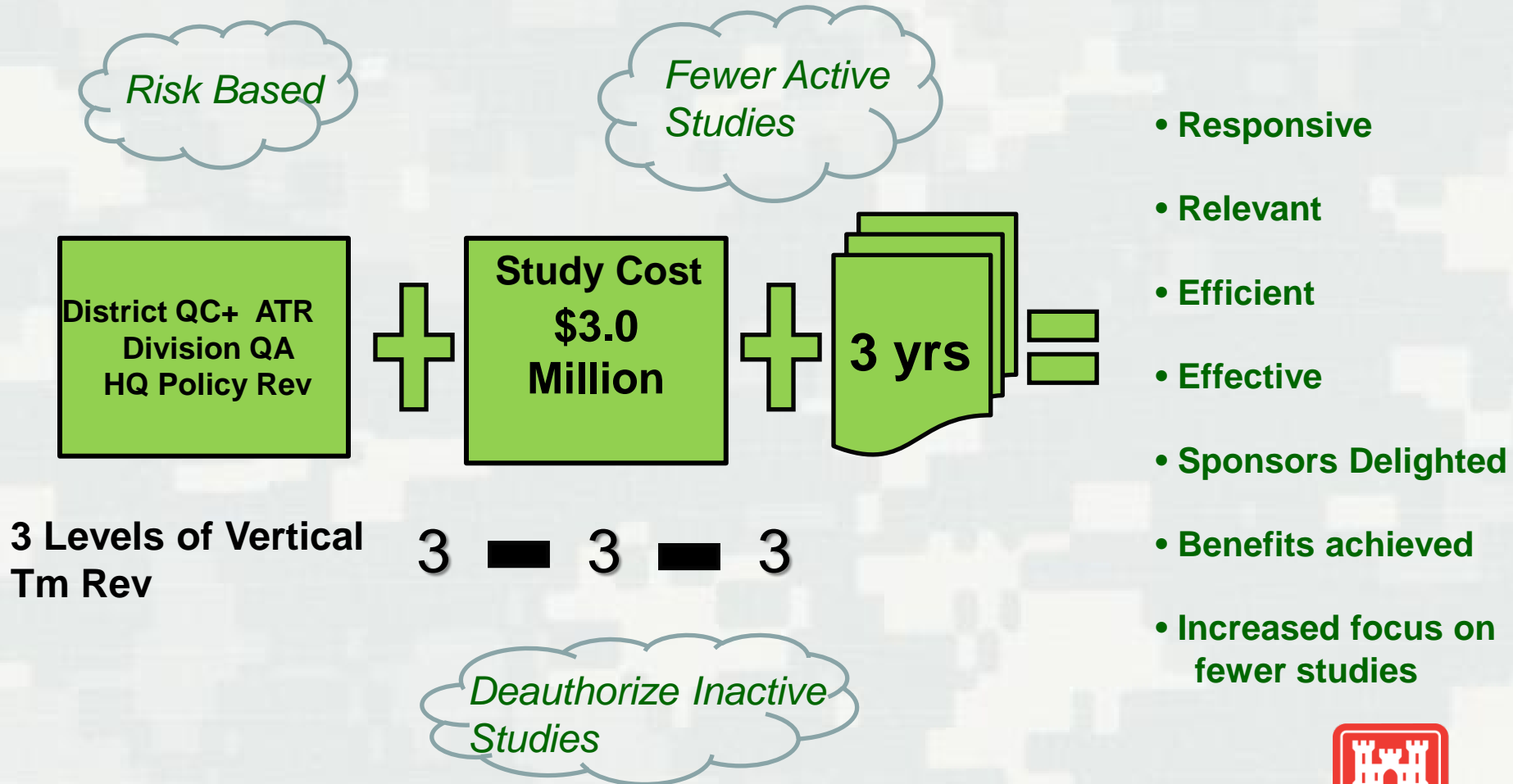


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# Modernizing the Planning Process

## Future Planning TRANSFORMATION



# USACE Take-Aways

## We Support the Nation:

- **Globally**, where we are located
- **Expertly**, through world-class civilians and soldiers
- **Rapidly**, whether new challenges or disasters, with in-house & contractor forces sized & mobilized to meet the demand



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# Hiring Wounded Warriors

## Army Warrior Care and Transition Program

[http://wtc.army.mil/soldier/careers\\_and\\_employment.html](http://wtc.army.mil/soldier/careers_and_employment.html)



- 50,000 casualties in 10 years of war
- Trained leaders who answered the Nation's call
- Looking for an opportunity to make a difference in YOUR organization
- YOU can help...find out MORE



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*South Atlantic Division –  
“The Public’s Engineer of  
Choice in the Southeast”*

# Military Construction Support



**Movement of Armor School  
Ft Benning  
PA: \$159M**



**7<sup>th</sup> Special Group Headquarters  
Eglin AFB  
Cost: \$347M**

## Military Construction

### Base Realignment & Closure (BRAC)

### Overseas Contingency Operations (OCO)

### Installation Support

### Environmental & Formerly Used Defense Sites (FUDS)

### Interagency & International Services (IIS)

### Real Estate



**Brigade Combat Team Complex  
Fort Stewart  
Cost: \$41M**



**Hospital  
Fort Benning  
Cost: \$375M**



# Civil Works Program Support



<b>\$1.883 B</b>	<b>Navigation</b>	<b>38%</b>
<b>\$1.425 B</b>	<b>Flood Risk Management</b>	<b>28%</b>
<b>\$621 M</b>	<b>Ecosystem Restoration</b>	<b>12%</b>
<b>\$193 M</b>	<b>Hydropower</b>	<b>4%</b>
<b>\$243 M</b>	<b>Recreation &amp; Natural Resources Management</b>	<b>5%</b>
<b>\$193 M</b>	<b>Regulatory Program: Wetlands &amp; Waterways</b>	<b>4%</b>
<b>\$6 M</b>	<b>Water Supply</b>	<b>&lt; 1%</b>
<b>\$185 M</b>	<b>Expenses</b>	<b>4%</b>



# 3 x 3 x 3 Rule

**Some measures under the modernization efforts include the 3x3x3 rule:**

- All feasibility studies will be scoped with a target goal of completion within three years;
- The target cost for a feasibility study will be no greater than \$3 million;
- The study team will use all three levels of the vertical team

**Note:** Any schedule or budget exceeding these guidelines will require Headquarters, USACE approval.



# Budget Development Process

## The new budgeting approach will:

- Establish a program-based, goal-focused method to budgeting.
- Establish a vertical mapping/alignment of programs/business lines to national goals and objectives.
- Improve the justification and defense of budget allocations.
- Incorporate integrated water resource management concepts into systems thinking and investments.

