

2017 NATIONAL WATERWAYS CONFERENCE



LTG TODD T. SEMONITE

**54th Chief of Engineers and
Commanding General, USACE**

08 March 2017



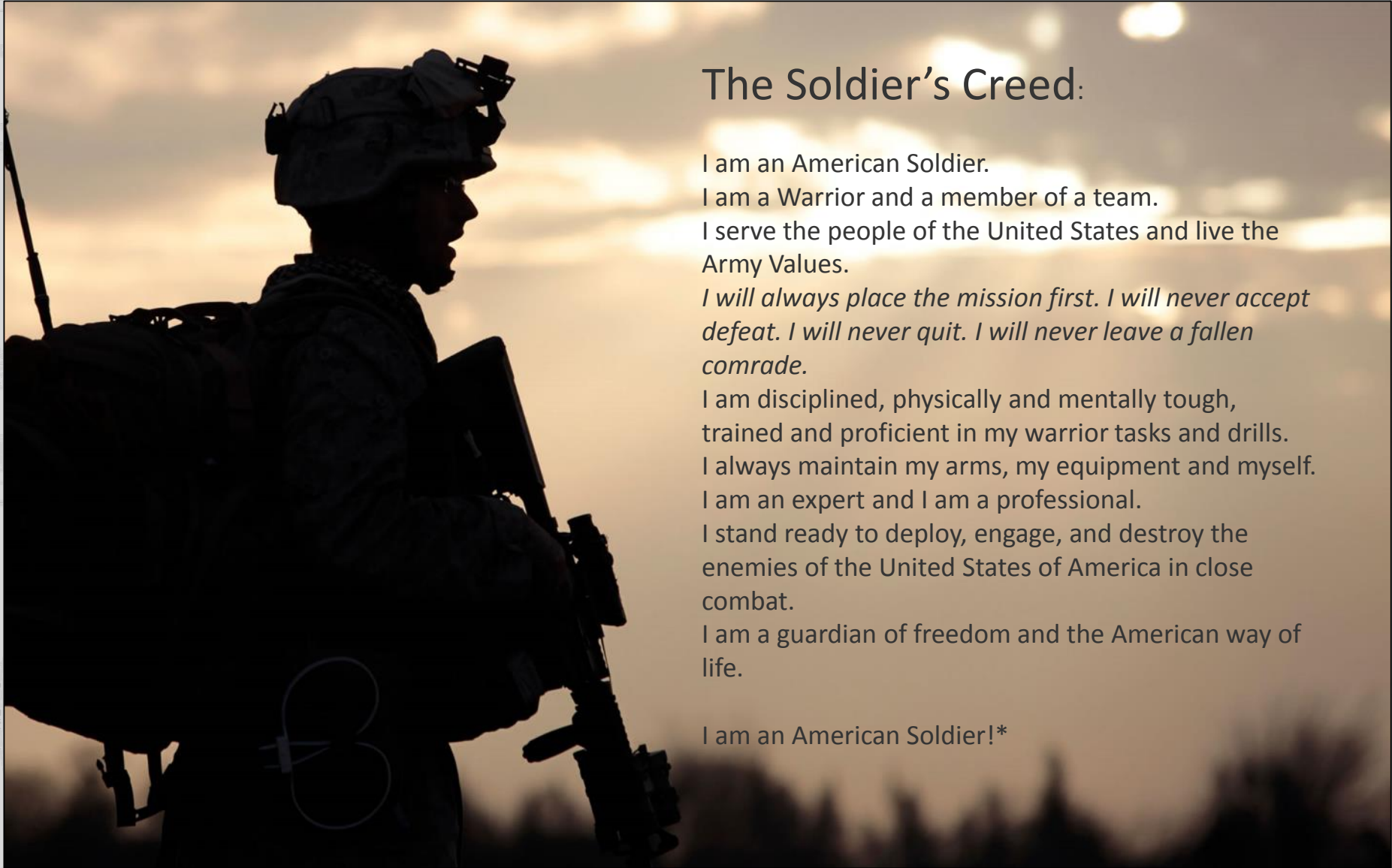
**US Army Corps
of Engineers**





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THE US ARMY: READINESS IS OUR #1 PRIORITY



The Soldier's Creed:

I am an American Soldier.

I am a Warrior and a member of a team.

I serve the people of the United States and live the Army Values.

I will always place the mission first. I will never accept defeat. I will never quit. I will never leave a fallen comrade.

I am disciplined, physically and mentally tough, trained and proficient in my warrior tasks and drills.

I always maintain my arms, my equipment and myself.

I am an expert and I am a professional.

I stand ready to deploy, engage, and destroy the enemies of the United States of America in close combat.

I am a guardian of freedom and the American way of life.

I am an American Soldier!*



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CURRENT POLITICAL LANDSCAPE



The 58th Presidential Election and 45th change in Administration experienced by the U.S. Army Corps of Engineers during our 241-year history

How does a change in Administration influence USACE operations?

IMPACTS on REGIMENT / MIL-MISSIONS

- a. CHANGE is DOD GLOBAL PRESENCE
- b. FORCE STRUCTURE / MODERNIZATION
- c. POTENTIAL ENGR REGIMENT impacts
- d. MILCON / SRM / BRAC impacts
- e. SUSTAINABILITY / ENERGY impacts

IMPACTS on CIVIL WORKS PROGRAM

- a. Potential cuts in CW funding
- b. Potential INFRASTRUCTURE Package
- c. Impacts on EPA / NOAA / DOI policy
- d. Pressure for REGULATORY CHANGE
- e. SIZE of GOV'T / REGULATION impacts



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270-DAY POINT...



WHERE I'VE BEEN, WHERE I'M GOING

Last 9-Months

- Onboarding Activities
- Priority Project Visits
- Establishing Critical Relationships
- Key Congressional Engagements
- USACE Command Focus:
 - Strengthen the Foundation,
 - Deliver the Program
 - Achieve Our Vision
- Engineer Regimental Readiness (Dirty Dozen / PCC/FORSCOM Unit Visits)

Next 6-Months

- USACE Division HQ Visits focus on Campaign Plan and Vision - Vertical Team Alignment
- Administration Transition- Infrastructure Investment, TBD-Support to DHS/DCP
- On-Board ASA(CW) / ASA(IEE) / Sec Army
- FY18 Budget Testimony / FY 19 Budget Prep
- "Dirty Dozen" focus (Mines/ACE/M113/BEB's)
- Reenergize Joint Engineer Coordination- JOEB
- CENTCOM AOR Visit
- USACE GO and COL Transitions- Summer 17

Key Take-Aways

- USACE has top-notch people, who are competent and capable with 'Can-Do' attitudes.
- Focusing on Foundation tasks and Delivery will unlock the ability to 'Achieve Our Vision'.
- BEB and BCT experience is critical early in a Engineer Officer's Career for development
- Engineer Equipping Top 3: M113 Replacement, M9 ACE Capability Replacement, Terrain Shaping Capability

Strategic Initiatives

- Execute the USACE Campaign Plan
- COCOM CDR Updates
- Talent Management (SES's / Officers / Staff)
- Align Engineer Governance (Total Force)
- Senior Review Group (SRG)- Key Stakeholders
- USACE Support to US Army Cadet Command; Officer Accessions and Talent Management
- Continued opportunities for increased USACE support to International and Interagency Partners

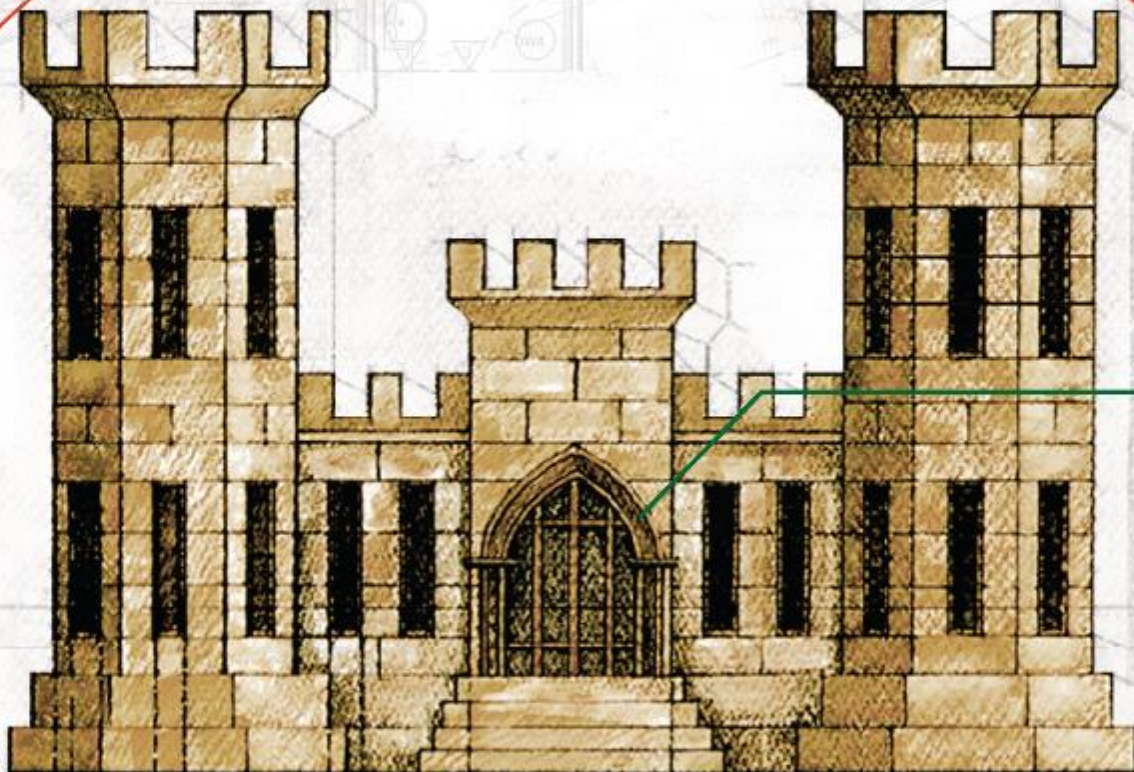
USACE: STAYING WORLD CLASS NOW AND INTO THE FUTURE



US Army Corps of Engineers®

ACHIEVE OUR VISION

Anticipate future conditions; take decisive actions today to always be ready, come what may.



DELIVER THE PROGRAM

Our credibility relies on our ability to achieve desired results on time and on budget.

STRENGTHEN THE FOUNDATION

Doing routine tasks, to a high standard, routinely, enables everything else. A strong foundation empowers leaders to think strategically.



DELIVER THE PROGRAM



USACE Mission

Deliver vital engineering solutions, in collaboration with our partners, to secure our Nation, energize our economy, and reduce risk from disaster.

USACE Vision

Engineering solutions for the Nation's toughest challenges.

Proven Enablers

- Trained, Skilled and Committed Workforce
- Streamlined Processes
- Partnerships and Vertical Team Alignment
- Sharing of “Know-How”
- Consistent Funding
- Empowerment at the Point of Execution

Common Challenges

- Unrealistic Delivery Schedules
- Varied Site Conditions
- Inefficient / Incremental Funding
- Late Problem Identification / Elevation
- Controlling Cost and Schedule while ensuring High Quality

Our CREDIBILITY is a prerequisite for TRUST, and relies upon our ability to ACHIEVE desired results

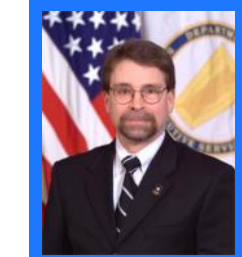


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U.S. ARMY CIVIL WORKS LEADERSHIP



H
Q
D
A



Doug Lamont, SES
ASA(CW)



Vacant
PDASA



Eric Hansen, SES
DASA, Mgt/Bud



Vacant
DASA, Proj Rev



Let Mon Lee
DASA Pol/Leg

LTG Todd Semonite, Chief of Engineers and CG USACE

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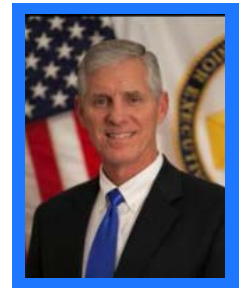
David Dale, SES
Director, Contingency Ops



MG Ed Jackson
DCG-Civil/Emergency Ops



James Dalton, SES
Director, Civil Works



Dr. Larry McCallister, SES
Chief, Engineering/Construction



Susan Whittington
Chief, Ops/Reg



Tab Brown, SES
Chief, Plans/Policy



Eddie Belk, SES
Chief, Programs

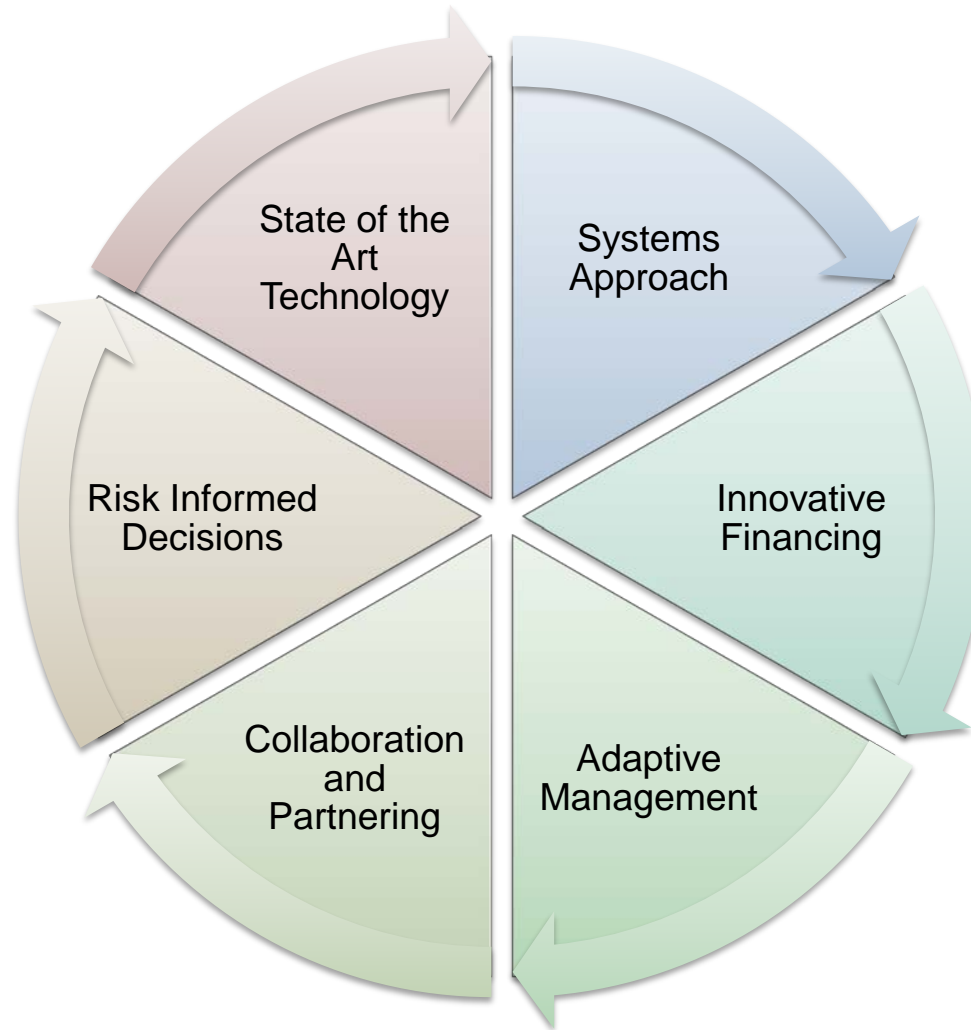


Bob Pietrowsky
Director, IWR



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CIVIL WORKS “OVERARCHING STRATEGY” INTEGRATED WATER RESOURCES MANAGEMENT



- A holistic focus on water resource challenges and opportunities that reflects coordinated development and management of water and related resources
- IWRM considers economic benefits, ecosystem quality, health and public safety



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STAKEHOLDERS & PARTNERING ARE KEY



- **Leverage efforts through partnerships**
- **Understand and communicate Civil Works Value to Nation**
- **Find consensus on major initiatives**
 - **Identify funding to reach outcomes**
 - **Engage in dialogue**
- **Be mutually supportive**
- **Shared Messages**
- **Involve & Engage End-Users**
- **Seek to Influence Decision-Makers: How can we better explain the value of infrastructure and define what constitutes resilient and sustainable infrastructure?**

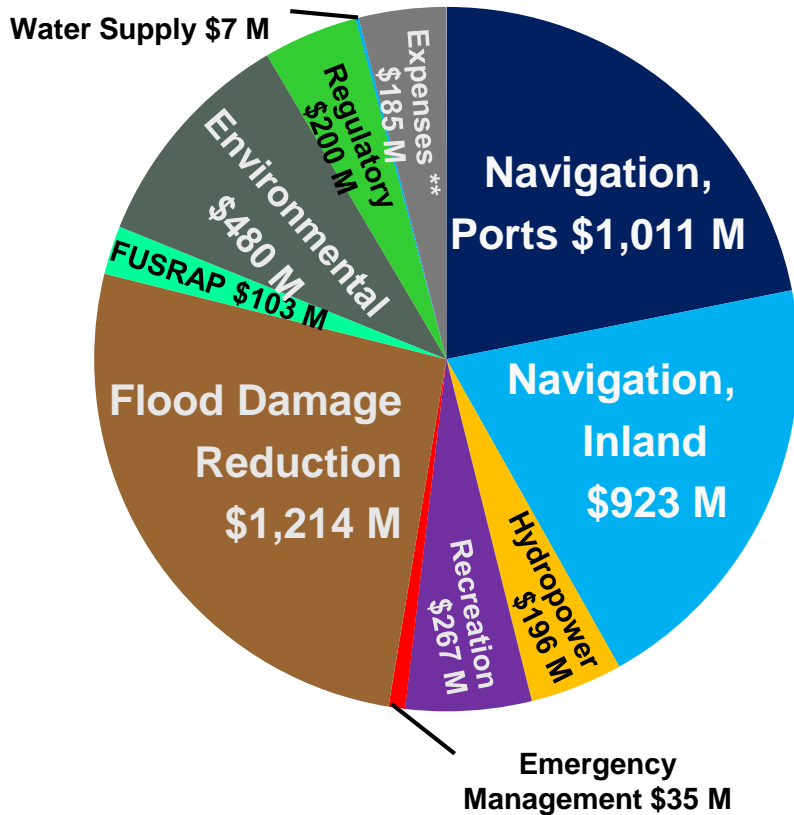




CIVIL WORKS BUDGET STATE OF PLAY



Pres. Obama's FY17 Budget



By Business Line
Total: \$4.62 Billion

- Continuing Resolution (CRA) until 28 Apr 2017
- Currently constrained to “least of...”
- FY17 Workplan?
- \$1.025 B Supplemental for Storm Damage Repair
- Initial FY18 Guidance



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NAVIGATION - INLAND



Ongoing Projects

Olmsted L&D

Monongahela L&D 2, 3 & 4

Kentucky L&D

Chickamauga L&D

Potential Upcoming

Upper Ohio Navigation Study



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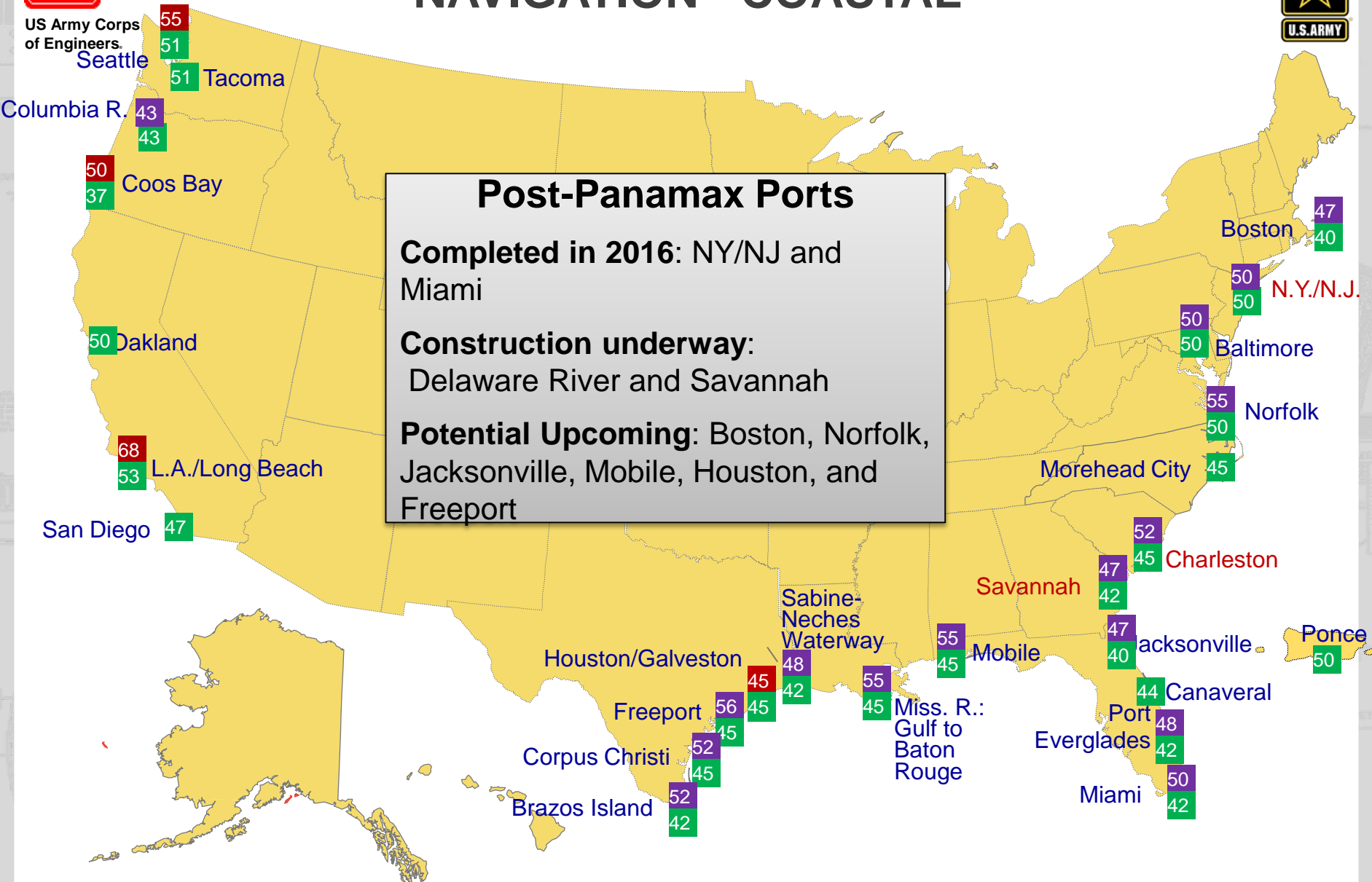
NAVIGATION - COASTAL

Post-Panamax Ports

Completed in 2016: NY/NJ and Miami

Construction underway: Delaware River and Savannah

Potential Upcoming: Boston, Norfolk, Jacksonville, Mobile, Houston, and Freeport



Current Depth
 Authorized
 Study Underway



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FLOOD RISK MANAGEMENT



Oroville Dam, CA



Dam Safety

- 300 dams classified as actionable

Levee Safety

- National Levee Database (NLD)

Centers of Expertise

- Risk Management Center (Denver, CO)
- Dam Safety Modification (Huntington, WV)
- Modeling, Mapping & Consequences Center (Vicksburg, MS)

Our Portfolio

- USACE operates 715 dams (out of more than 90,000 across the Nation)
- 15 of 715 are DSAC-1 (Extremely High Risk), and require \$12B in repairs.
- 279 of 715 require some form of risk reduction.
- \$24B to address total costs for DSAC-1, 2, and 3 dams.



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AQUATIC ECOSYSTEM RESTORATION



ONGOING:

- **South Florida Ecosystem Restoration**
- **Columbia River Fish Mitigation**
- **Poplar Island, MD**
- **Missouri River Fish & Wildlife Recovery**
- **Chicago Sanitary & Ship Canal Dispersal Barrier Upper Mississippi River Restoration**
- **Southwest Louisiana Coastal Restoration**
- **Hamilton City, CA**



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INFRASTRUCTURE STRATEGY



**Asset
Management**



**Alternative
Financing**



**Life Cycle Portfolio
Management**

- Ohio River L&D 52/53
- MS River Shipping Channel
- SC Dams Repairs
- Hydroelectric Plants
- Savannah Harbor Expansion
- Upper MS Locks 20-25
- Illinois River Locks
- IHNC Lock Replacement
- Chickamauga Lock
- Soo Locks
- Upper Ohio Navigation
- Monongahela



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HOW YOU CAN HELP



Challenge Us

- If you see things we can do better, let us know.
- World-class organizations stay ahead of change; I want to hear your best and brightest ideas about what's next and new

Alternative Financing

- Let's overcome barriers together.

Stay Engaged

- With your Congressional delegations.
- With us. We want to hear from you about your needs and interests.

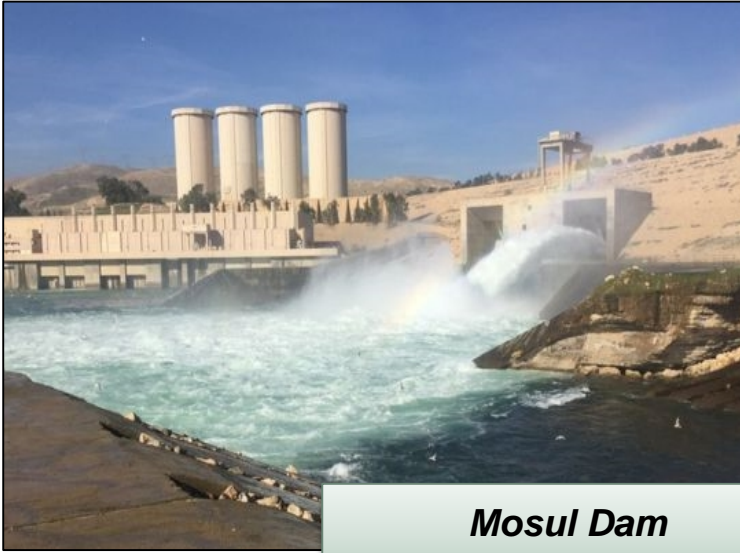
Communicate

- Helps us tell an accurate and compelling story to decision makers.



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QUESTIONS AND DISCUSSION



Mosul Dam



***Ecosystem Restoration -
Florida Everglades***



Olmstead Lock and Dam



***Our PEOPLE Make
USACE Great!***