

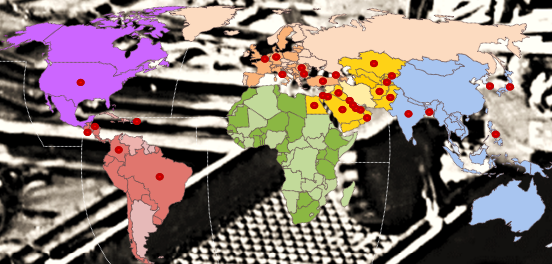


South Atlantic Division

U.S. Army Corps of Engineers

Larry McCallister, PhD, PE, PMP, SES

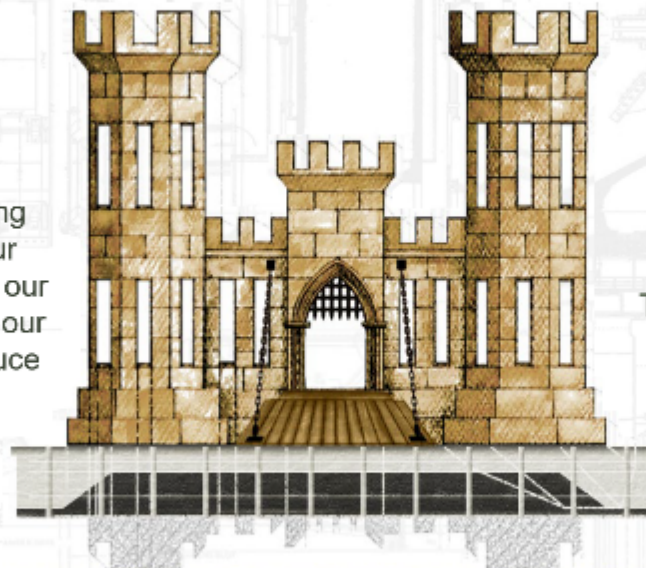
25 June 2025



U.S. ARMY CORPS OF ENGINEERS

MISSION

Deliver engineering solutions, with our partners, to secure our Nation, strengthen our economy, and reduce disaster risk.



PRIORITIES

Today → Deliver
Tomorrow → Innovate
Always → You

ENGINEERING SOLUTIONS TO THE NATION'S TOUGHEST CHALLENGES

World-Class Delivery... Real World Impact!



U.S. Army Corps
of Engineers



USACE VALUE FOR OUR NATION

USACE provides value for our Nation to numerous stakeholders in many ways:

- We deliver positive impacts for today and tomorrow – in construction, natural resource management, energy and sustainability, and capacity building, and more
- We have the “right” people: world-class professional civilians and soldiers.
- We are U.S. Army “*ambassadors*” on a daily basis to political leaders, America’s small businesses, and to citizens wherever we serve them

USACE Vision

Engineering solutions to the Nation’s toughest challenges.

USACE Mission

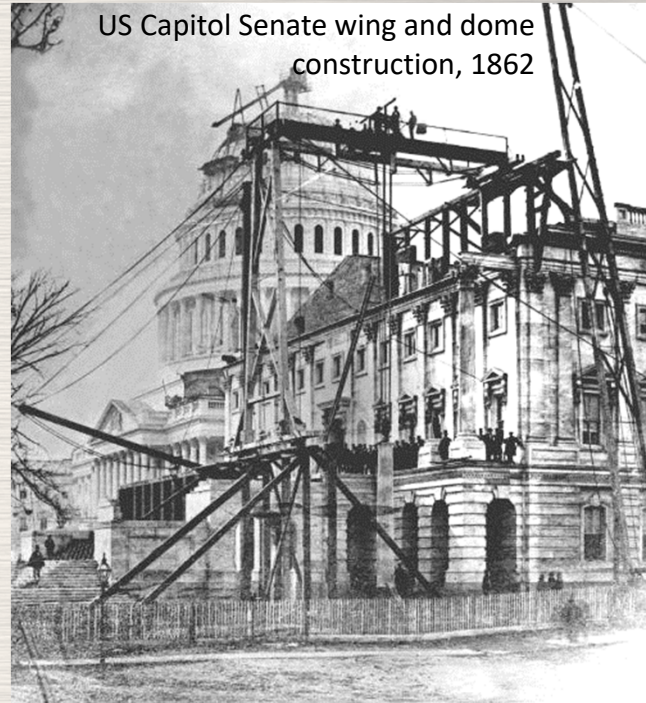
Deliver engineering solutions, with our partners, to
secure our Nation, strengthen our economy, and reduce disaster risk.

USACE in our Nation's History

Macomb expedition in New Mexico, 1859



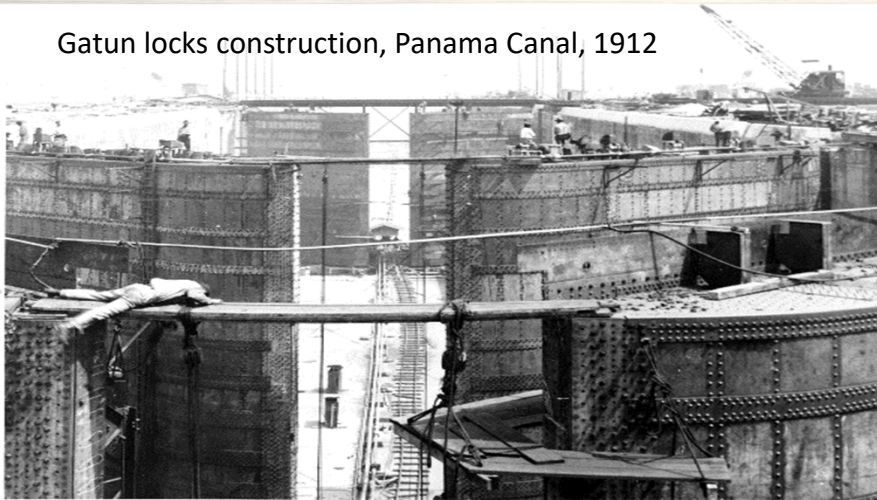
US Capitol Senate wing and dome construction, 1862



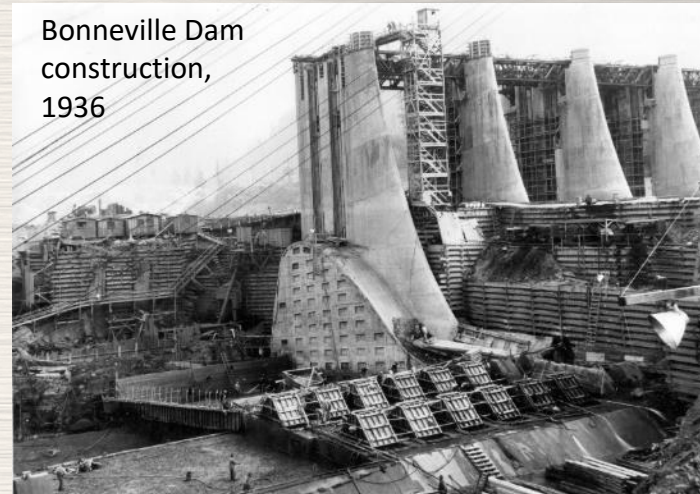
Pentagon construction, 1941



Gatun locks construction, Panama Canal, 1912



Bonneville Dam construction, 1936



Lake Borne Surge Barrier Construction, New Orleans
HSDRRS 2012





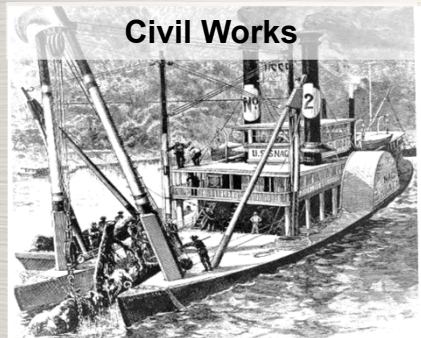
Origins of USACE Programs and Initiatives

Military Programs



1812

Civil Works



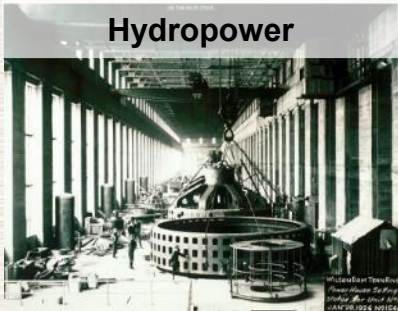
1824

Disaster Response



1882

Hydropower



1925

Flood control



1936

Modern MILCON



1941

Recreation



1944

Regulatory expansion



1972

BRAC



1988

Contingency operations in Afghanistan and Iraq



2001

Dam and levee safety



2007

COVID response



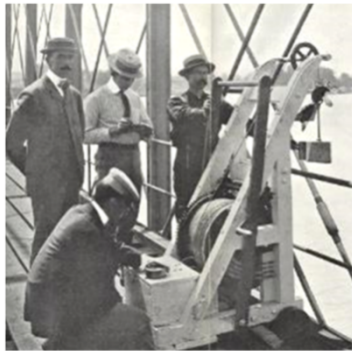
2020

Francis Scott Key Bridge debris clearing



2024

Serving the Nation for 250 Years





USACE IS REGIONALLY ALIGNED; GLOBALLY RESPONSIVE



Dam Inspection - Uzbekistan



Air Base Expansion – Saudi Arabia



S&T Bunker Retrofit Support to ARCENT



Emergency Management & Resilience TTX - Montenegro



Support to Missile Defense - Poland



Airfield Infrastructure Upgrade - Latvia



Mississippi River – Mekong River Commission Sister River Partnership



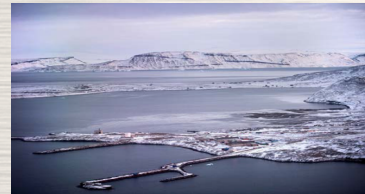
Echo Pier - Kwajalein



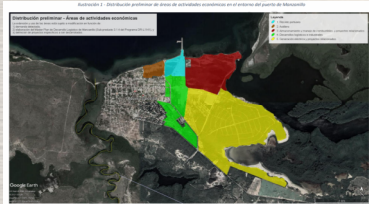
Forward Engineer Support Team Assessments - Philippines



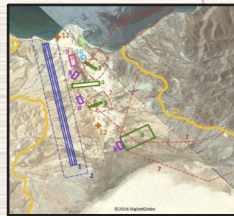
Laos Dam Safety Program Support



S&T Support to Pituffik (Thule) Space Base - Greenland



Master Planning & Water Resource Management Support – Dominican Republic



SEMAR Training Ranges - Mexico



Panama Canal Authority MOA – Water Resources Technical Support



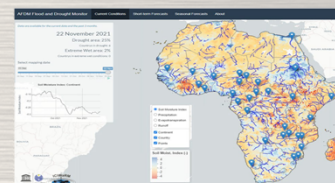
Tolemaida Air Base Modernization - Columbia



Water Resources Support - Brazil



A29 Bed-down - Nigeria



African Flood and Drought Monitor



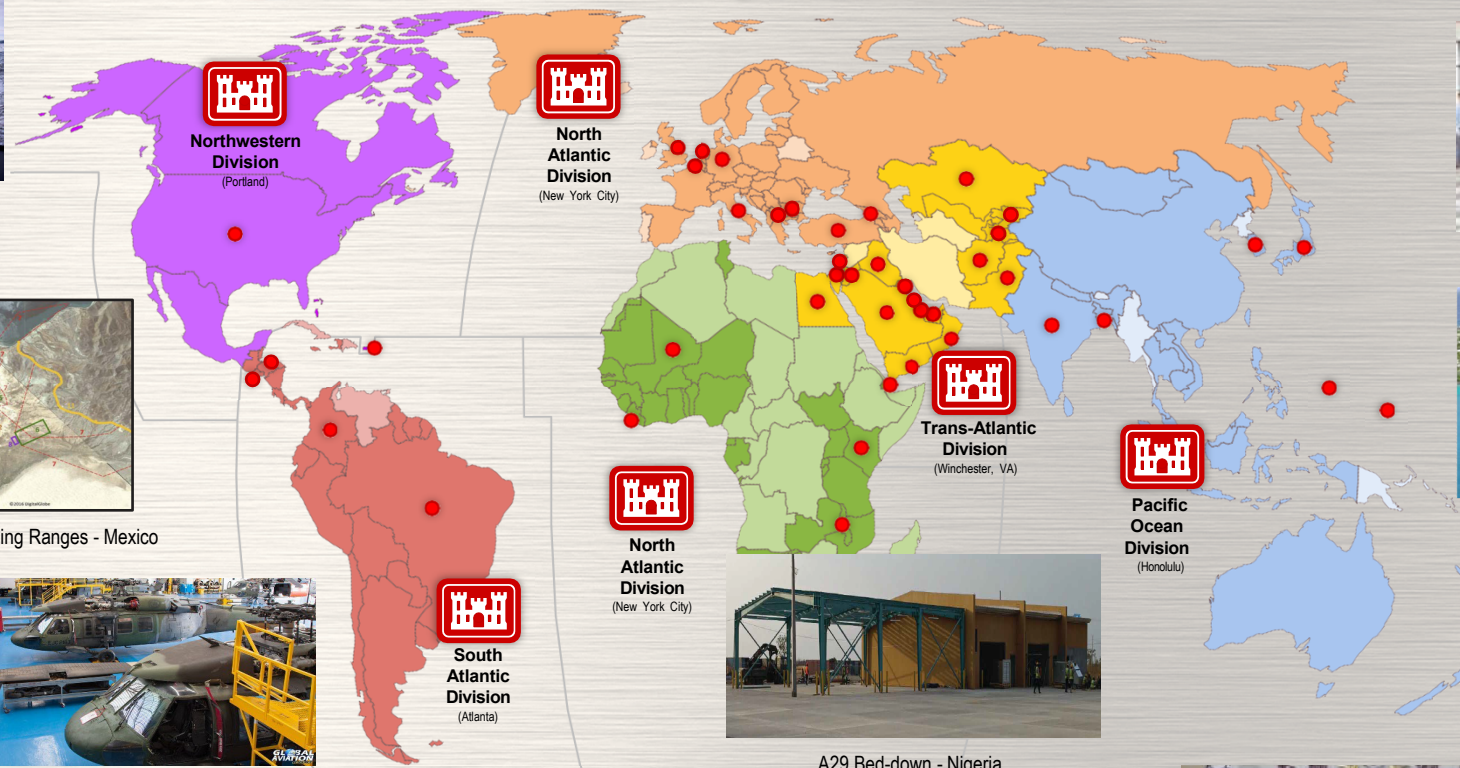
Water Resources, Climate Change & Disaster Preparedness Support - Taiwan



Engagement (132+ Countries)



Physical Presence (43 Countries)



Northwestern Division
(Portland)



North Atlantic Division
(New York City)



Trans-Atlantic Division
(Winchester, VA)



Pacific Ocean Division
(Honolulu)



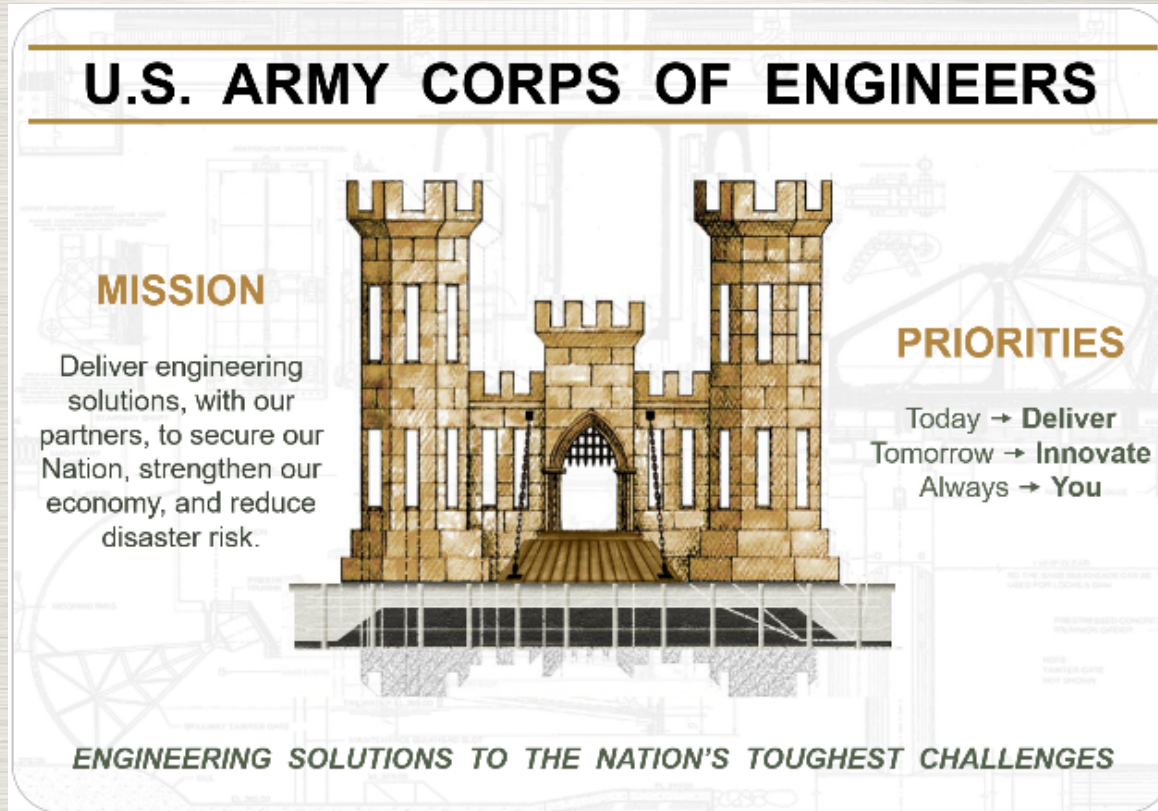
North Atlantic Division
(New York City)



South Atlantic Division
(Atlanta)



USACE Mission, Priorities, and focus



***Deliver* =**

The Army and the Nation are counting on us to deliver that important work.

***Innovate for tomorrow* =**

To keep improving and to stay ahead of change, we know that we need to keep innovating.

***Focus on people (on you) always* =**

If we always keep our focus on taking care of these great people (on taking care of you), everything else follows.



The Focus

TODAY

1. Get the Engineering Right
2. Get the Project Management Right
3. Get the Business Right

DELIVER

TOMORROW

1. Mission Command
2. Risk Management
3. Hire and Empower

INNOVATE

ALWAYS

1. Treat Everyone with Dignity & Respect
2. Focus on Fundamentals
3. Deliver with a Sense of Urgency

YOU



ENGINEER REGIMENT

ENSURE THE READINESS OF 90,000 ACTIVE, NATIONAL GUARD, AND RESERVE ENGINEER SOLDIERS.

Our **ENGINEERS** are:

SOLDIERS !!!

Sappers

Mappers

Builders

Bridgers

Divers

Firefighters

Power Providers





USACE CIVILIAN WORK FORCE

THE INSTITUTIONAL KNOWLEDGE...THE HEART & SOUL...THE BACKBONE OF THE CORPS!

Our **CIVILIANS** are:

EXPERTS !!!

.....
Engineers

.....
Architects

.....
Builders

.....
Scientists

.....
Technicians

.....
Project Managers

.....
People Managers

.....
Contracting & Finance

.....
Real Estate

.....
Intel & Security Specialist
.....





Chief of Engineers

Wears “Three Hats”



Army Staff Principal

AGO 2020-01 Paragraph 36

- ✓ Engineering Advisor to SECARMY, CSA & ASA (CW)
- ✓ Topographer of the Army
- ✓ Design and Construction Agent
- ✓ Executes MILCON, Energy and Water Security & Resilience, Facilities System Safety Sustainability and Environmental Management and Remediation Initiatives and Programs

Geospatial Governance Board Co-Chair

Joint Operations Engineer Board Co-Chair

DODD 7045.20; JOEB Board Charter, 9 January 2019

Capability Area Manager Operational Engineering

Chief of Engineers Army Staff



Commander USACE



Direct Reporting Unit
Commander
Provide Vital Engineering
Services and Capabilities to
Armed Forces and Nation

Chief of Branch Engineer



Advisor
Senior Mentor
Talent & Manpower

Engineer Branch
Chief of the Corps of Engineers





USACE Command Leadership



LTG William Graham
56th Chief of Engineers and
Commanding General USACE



CSM Douglas Galick
15th Command Sergeant Major



MG Kimberly Colloton
Deputy Chief of Engineers
and Deputy Commanding General



COL Damon Delarosa
Chief of Staff



COL Jesse Curry
Director, Office of the
Chief of Engineers



Dr. Elizabeth Fleming, SES
Director, Research and
Development



MG Jason Kelly
DCG, Civil Works and
Emergency Operations



Mr. Edward Belk Jr., SES
Director,
Civil Works



BG Kirk Gibbs
DCG, Military and
International Operations



David Morrow, SES
Director,
Military Programs



Thomas P. Smith, SES
Director, Engineering &
Construction



BG Andrew Stone
Deputy Chief of
Engineers (DCOE),
National Guard Affairs



BG Kent Lightner
Deputy Chief of Engineers
(DCOE), Reserve and
DCG, Reserve Affairs

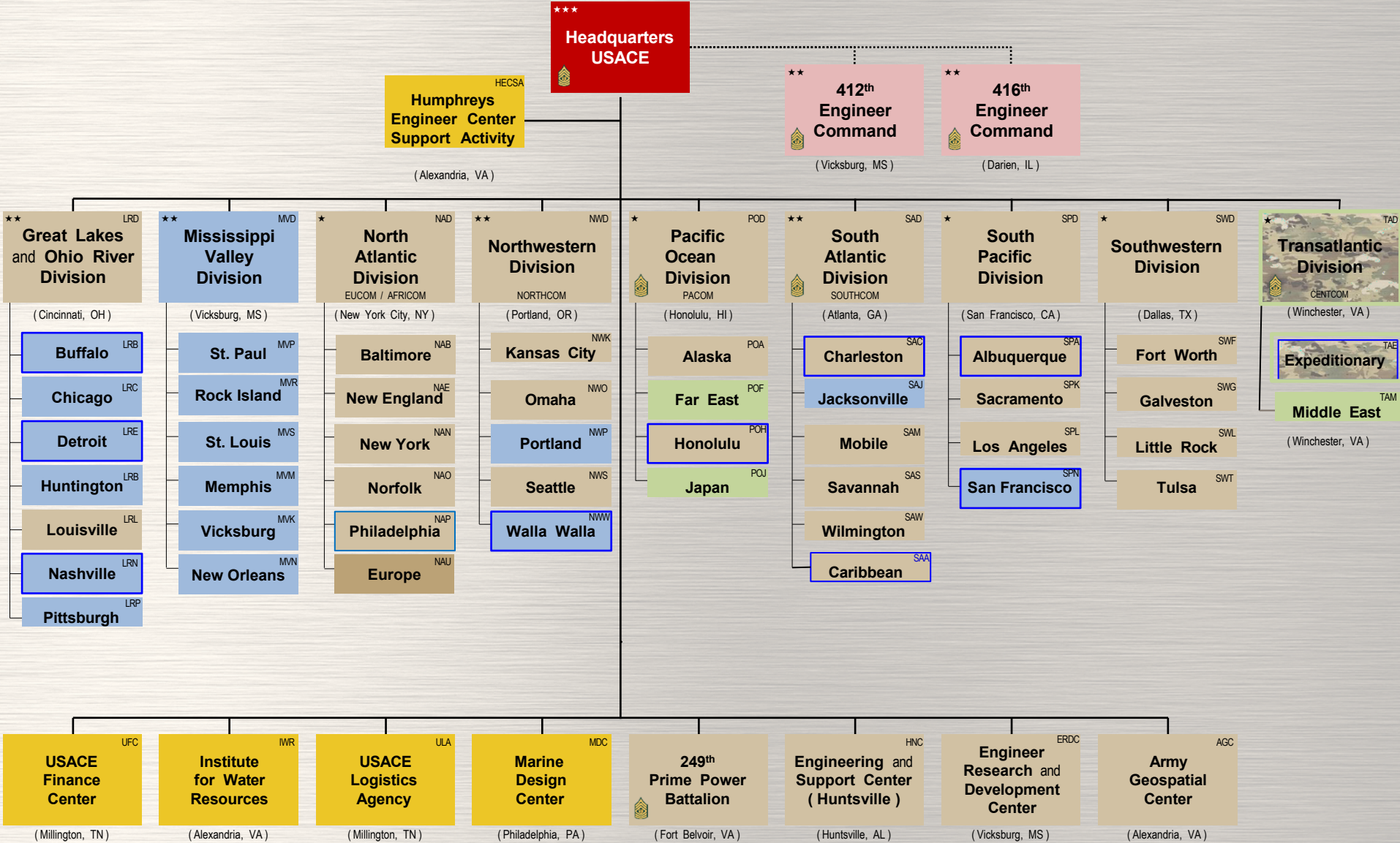


USACE Regional Leadership





USACE STRUCTURE



USACE Headquarters
(Washington, DC)
Promulgate **policy** + secure **resources**
+ leverage **National Client Management**

9
Regionally Aligned Divisions
Deliver **programs** + steward **resources**
+ nurture **Regional Relationships**

44
Geographic Districts
Deliver **projects** + Run a “profitable”
business + optimize **Local Partnerships**

9
Centers and Laboratories

40+
Centers of Expertise

9
Centers of Standardization

1
Active-Duty Battalion
249 EN BN (Prime Power)

2
Army Reserve Theater Engineer Commands

Field Operating Activity CIVIL WORKS Mission ONLY MILITARY PROGRAMS Mission ONLY CW / MP / IIS Missions LTC/O-5 District Commands (10 of 44)
[All other Districts = COL/O-6 Commands]



USACE MISSION AREAS

A DIVERSE MISSION SET DRIVEN BY DIVERSE CUSTOMERS

Engineering & Construction – Get the Engineering Right, Get the Project Management Right & Get the Business Right!

Military Programs



Military Construction

.....
COCOM Support, Overseas
Contingency Operations (OCO)
.....

Installation Support, Environmental,
Energy and Sustainability

Civil Works



Navigation, Flood Control,
Disaster Response, Shore Protection,
Hydropower, Water Supply,
Regulatory, Recreation,
Environmental Restoration

Contingency Operations

COVID-19 Alternate Care Facilities (ACFs)



“Whole of Government”
Disaster Response and Recovery
.....
Life-Cycle Flood Risk Management
.....
Critical Infrastructure

International and Interagency

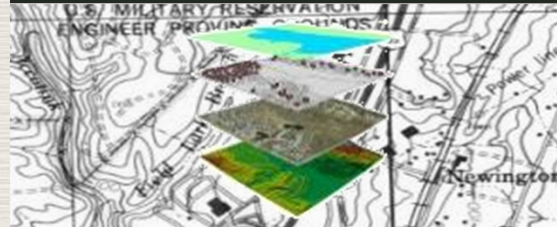


Federal / State / Local

.....
“Whole of USACE” Capabilities

.....
Capacity Development

Geospatial Support



Common Operating Picture /
Environment

.....
Civil Works Programs

.....
Military Programs

.....
Emergency and Contingency Operations

Research and Development



Warfighter Support

.....
Installations, Energy & Environment

.....
Civil Works

.....
Support for Others

Real Estate – Acquire, Manage and Dispose / DoD Recruiting Facilities / Contingency Operations



OUR CURRENT MISSION SET

DELIVERING HISTORIC **\$91B** PORTFOLIO OF PROGRAMS, PROJECTS, AND SUPPORT

DA



The Engineer Regiment
90,000 members of the
Total Engineer Force

DA MILCON & Installation Support
\$4.9B / 3 million service men
and women / 287 Installations

Civil Works
\$8.66B / ~1,900 projects
\$17.44B + \$3.3B Disaster Supp / Relief (HR 2157)
\$5.7B Emergency Assistance (HR 5305)
\$17.1B Bipartisan Infrastructure Law (BIL) (PL 117-58)

Research & Development
\$1.35B / 2,000+ projects Supporting DA,
DoD, IIS

DoD



COCOM Support
\$5B to COCOMS & Interagency in
110 countries

Missile Defense Agency
\$875M to 5 critical projects Romania, Poland,
Alaska

USAF / USN / DHA / DLA
\$10.7B installation infrastructure
for DoD and Sister Services

DOD/AF/Army/EPA/DOE
\$2.0B in national
environmental cleanup

IIS



Natural Disaster Response
\$4.5B response to disasters in
CA, TX, FL, PR, USVI, NC, LA

Veterans Affairs Program
\$8.7B Design & construct 22 Projects

Foreign Military Sales
\$3.7B Design, construction, engineering services &
training in 35 countries

Baltimore Harbor Reopening
\$B



USACE CIVIL WORKS MISSION AREA

USACE Has a Numerous Mission Set Driven by Diverse Customers

Military Programs



Military Construction

COCOM Support, Overseas
Contingency Operations (OCO)

Installation Support, Environmental,
Energy and Sustainability

Navigation, Flood Control,
Disaster Response, Shore Protection,
Hydropower, Water Supply,
Regulatory, Recreation,
Environmental Restoration



Civil Works

Contingency Operations



"Whole of Government"
Disaster Response and Recovery
Life-Cycle Flood Risk Management
Critical Infrastructure

Federal / State / Local

"Whole of USACE" Capabilities

Capacity Development



International and Interagency

Geospatial Support



Common Operating Picture / Environment

Civil Works Programs

Military Programs

Emergency and Contingency Operations

Warfighter

Installations and Energy

Environment

Water Resources



Research and Development

Real Estate — Acquire, Manage and Dispose / DoD Recruiting Facilities / Contingency Operations



CIVIL WORKS (CW) DIVISIONS and DISTRICTS

Civil Works Directorate
(HQ USACE / Washington, DC)

8

Civil Works Divisions
(minus Transatlantic Division)

1

Civil Works ONLY Division
(Mississippi Valley Division)

39

Civil Works Districts

18

Civil Works ONLY Districts

Watersheds

define Civil Works Boundaries

1824

1st USACE Civil Works mission
to “clear obstacles on Ohio and
Mississippi Rivers and at ports.”



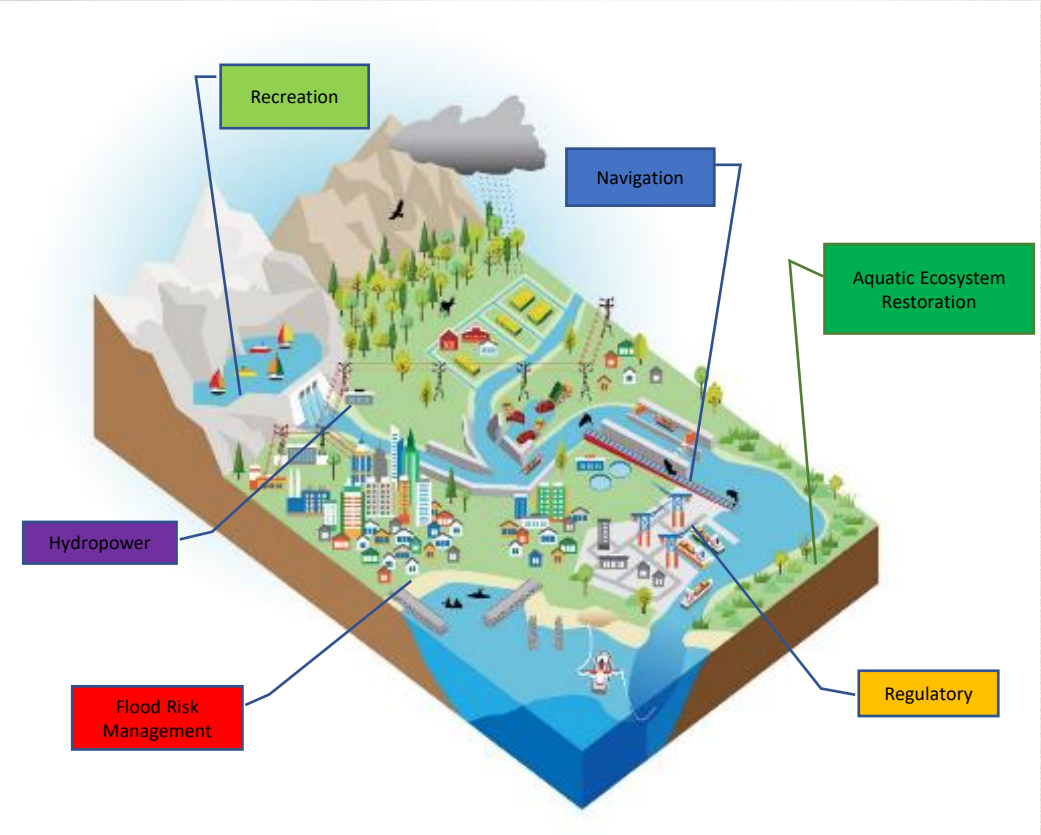


IN WRDA 2024

- In Fiscal Year 2024, USACE and its PARTNERS worked tirelessly to complete **18** Chief's Reports for inclusion in the Water Resources Development Act (WRDA) of 2024
- Together these represent a value of over \$40 billion to the nation, creating nearly 170,000 jobs with a total project first cost of approximately \$13.9 billion.



CIVIL WORKS PROGRAM – FY18-FY24 APPROPRIATIONS SUMMARY



FY18	\$37.661 B
• Bipartisan Budget Act of 2018 (PL 115-123)	\$17.398 B
• FY18 Appropriations (PL 115-141)	\$6.827 B
• FY18 Carry-In (from appropriations prior to FY18)	\$13.436 B
FY19	\$10.256 B
• FY19 Appropriations (PL 115-244)	\$6.998 B
• Disaster Relief Act of 2019 (PL 116-20)	\$3.258 B
FY20	\$7.720 B
• FY20 Appropriations (PL 116-94)	\$7.650 B
• CARES Act (PL 116-136)	\$0.070 B
FY21 Appropriations (PL 116-260)	\$7.796 B
FY22	\$31.153 B
• Disaster Relief Supplemental Appropriations (PL 117-43)	\$5.711 B
• Bipartisan Infrastructure Law (PL 117-58)	\$17.099 B
FY22 Appropriations (PL 117-103)	\$8.343 B
FY23	\$9.79 B
• FY23 Appropriations (PL 117-328) Div D & DIV N	\$8.66 B
• FY23 Appropriations (PL 117-328) Div N	\$1.13 B
FY24	\$8.68 B
• FY24 Appropriations (PL 118-42)	\$8.68 B*

FY18-24 Total Appropriations: ~ \$113.056 B



SAD CIVIL WORKS MISSIONS



- People
- Projects and Programs
- Partnerships

- Hydropower
- Navigation
- Regulatory
- Flood Risk Management
- Water Management
- Environmental Stewardship
- Real Estate
- Recreation
- Emergency Response

FUNDING SOURCE	AMOUNT
- FY25 WP	\$1,266,500,000
- Carry In (Supplemental/FCCE)	\$719,182,000
- FY 24 Appropriation	\$1,116,025,000
- FY 24 IIJA (Operations and Maintenance)	\$282,602,000
- FY 22 IIJA- REMAINING Allocations	\$1,488,505,000
- FY22/23 DRSA A REMAINING Allocations	\$111,283,000
- FY18 BBA 2018 (Supplemental)-REMAINING Allocations	\$2,198,784,000
- FY19 DRA 2019 (Supplemental)-REMAINING Allocations	\$317,491,000
GRAND TOTAL	\$8,296,312,000



USACE **MILITARY PROGRAMS** Mission Area

USACE Has a Diverse Mission Set Driven by Diverse Customers

Military Programs



Military Construction

COCOM Support, Overseas
Contingency Operations (OCO)

Installation Readiness, Environmental,
Energy and Sustainability

Federal / State / Local

“Whole of USACE” Capabilities

Capacity Development



International and Interagency

Navigation, Flood Control,
Disaster Response, Shore Protection,
Hydropower, Water Supply,
Regulatory, Recreation,
Environmental Restoration



Civil Works

Geospatial Support



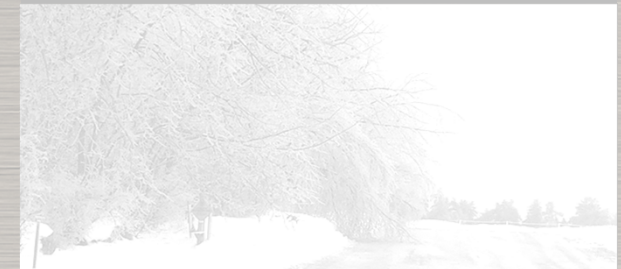
Common Operating Picture / Environment

Civil Works Programs

Military Programs

Emergency and Contingency Operations

Contingency Operations



“Whole of Government”
Disaster Response and Recovery

Life-Cycle Flood Risk Management

Critical Infrastructure

Warfighter

Installations and Energy

Environment

Water Resources



Research and Development

Real Estate — Acquire, Manage and Dispose / DoD Recruiting Facilities / Contingency Operations



MILITARY PROGRAMS (MP) DIVISIONS and DISTRICTS

Military Programs Directorate
(HQ USACE / Washington, DC)

8

Military Programs Divisions
(minus Mississippi Valley Division)

0

Military Programs ONLY Divisions
(All = MP + CW + IIS, minus MVD)

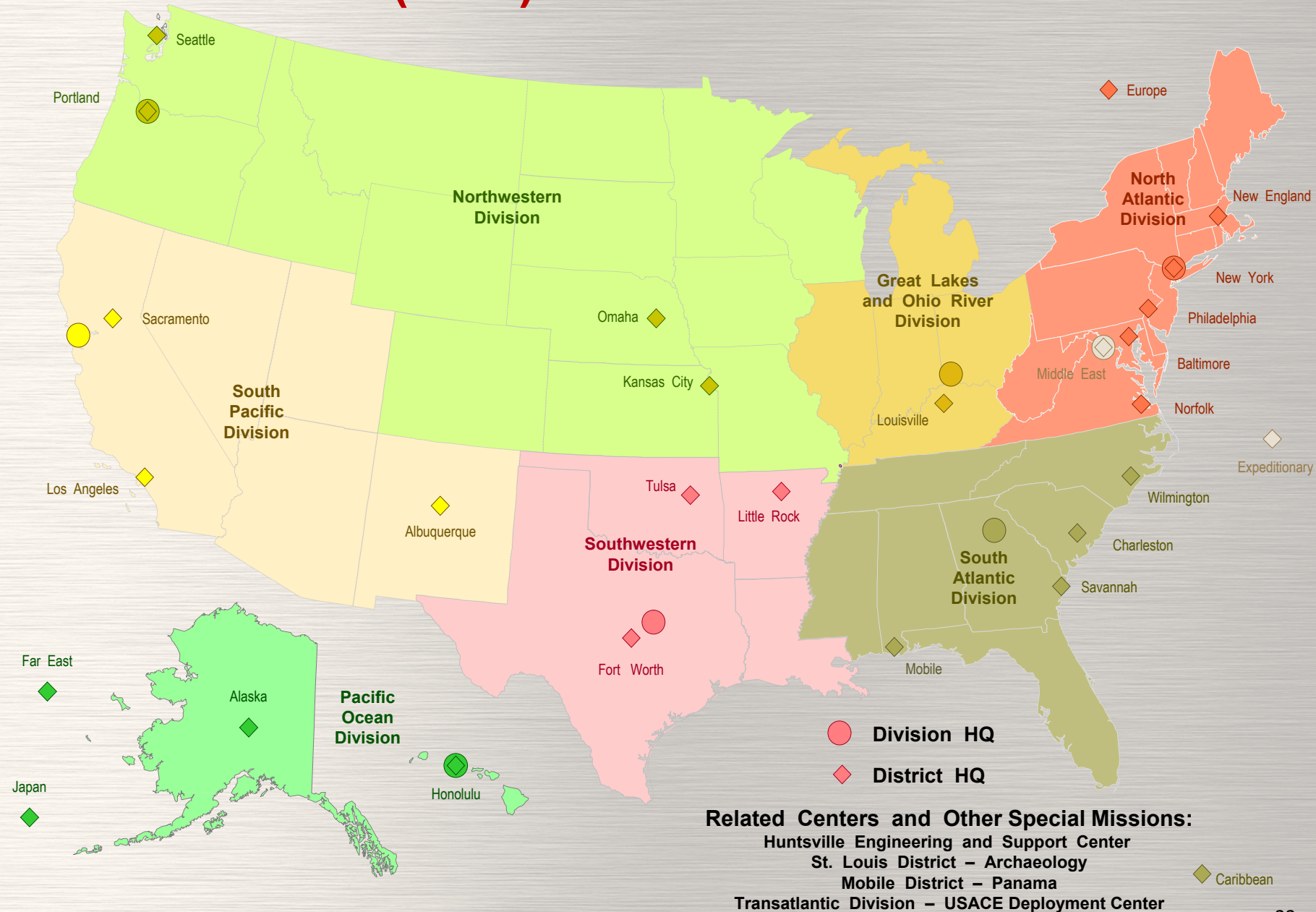
26

Military Programs Districts

5

Military Programs ONLY Districts

State Lines
define Military Programs Boundaries





FY25 USACE MILITARY PROGRAMS

Deliver innovative, resilient, and sustainable solutions to the Department of Defense and the Nation.

\$32.8B



NGA-West campus (\$1.7B)



Army Cyber Command (\$194M)



Davis Barrack, West Point

Military Construction (Army / Air Force / DoD)	14.5B
Installation Readiness	\$5.8B
Interagency and International Services (IIS)	\$1.2B
Host Nation/Foreign Military Sales	\$4.0B
Environmental	\$2.6B
Real Estate	\$0.9B
Other Direct Funded and Reimbursable Services	\$2.8B
Research and Development	\$1.0B



NSA East Campus (\$6.0B)



DVA Denver-Aurora Medical Center



Tyndall AFB Rebuild (\$2.4B)



USACE CONTINGENCY OPERATIONS MISSION AREA

USACE Has a Diverse Mission Set Driven by Diverse Customers





2024 USACE Support to Disasters

36

Total Events

- Hurricanes 8 Typhoons, Tropical Storms, Invests
- Flooding 16 Floods, Ice Jams, High Water,
- Severe Weather 7 Storms, Tornadoes, Ice Storms
- Wildfires 1
- Other 4 Earthquakes, Toxic Spills, Drought

100

Mission Assignments

\$32.58M

FCCE Funded

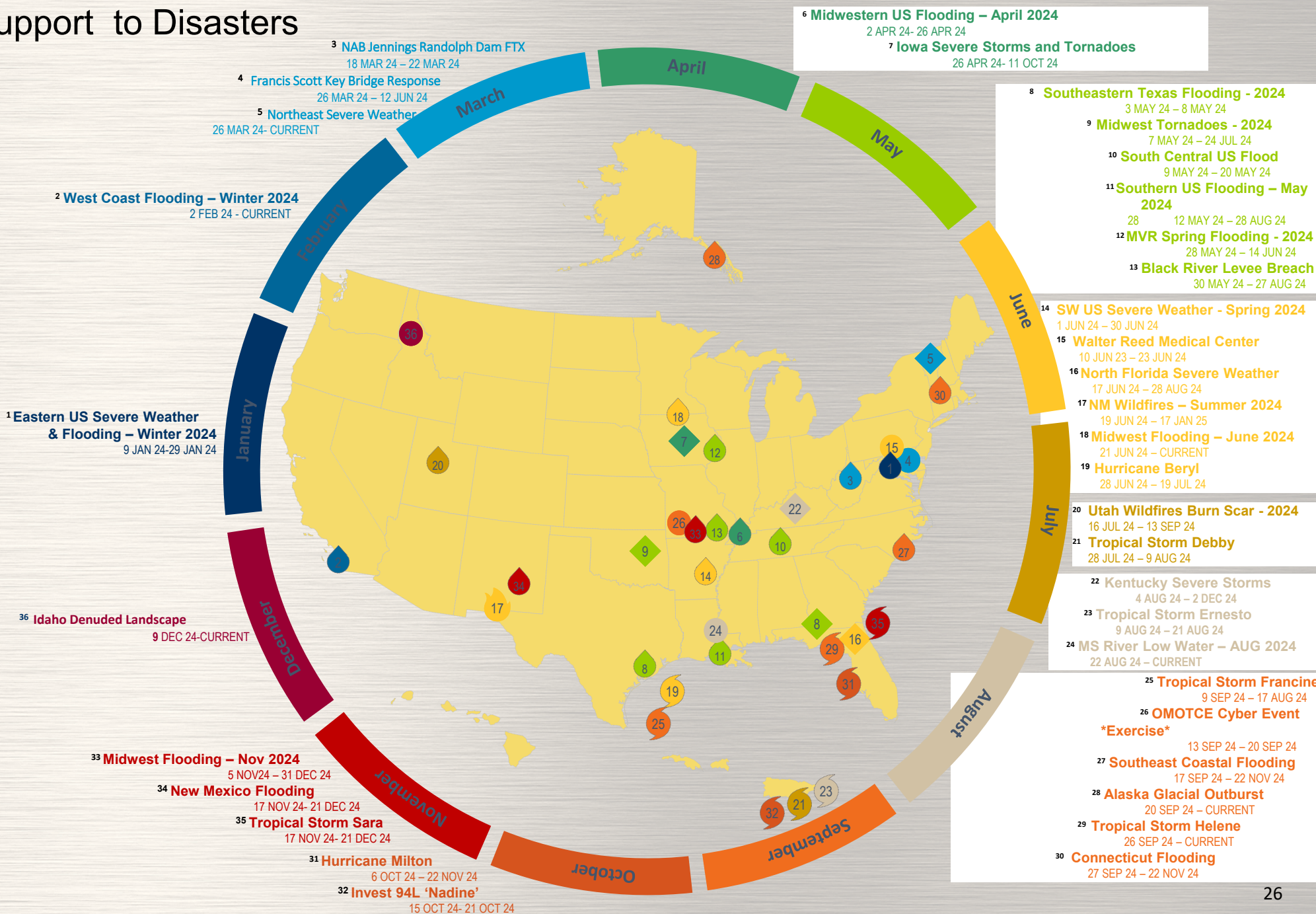
\$998.55M

FEMA Funded

1,916

Personnel

(Deployed / Supporting)



NATIONAL RESPONSE FRAMEWORK ROLE

Emergency Support Function #3 Public Works and Engineering Missions

Response



Temporary Emergency Power



Urban Search and Rescue Structural Specialists

"Short Term" Recovery



Debris Management



Critical Public Facilities and Temporary Housing



Temporary Roofing



Infrastructure Assessment



USACE RESEARCH and DEVELOPMENT MISSION AREA

USACE Has a Diverse Mission Set Driven by Diverse Customers

Military Programs



Military Construction

COCOM Support, Overseas
Contingency Operations (OCO)

Installation Support, Environmental,
Energy and Sustainability

Navigation, Flood Control,
Disaster Response, Shore Protection,
Hydropower, Water Supply,
Regulatory, Recreation,
Environmental Restoration



Civil Works

Contingency Operations



“Whole of Government”
Disaster Response and Recovery
Life-Cycle Flood Risk Management
Critical Infrastructure

Federal / State / Local

“Whole of USACE” Capabilities
Capacity Development



International and Interagency

Geospatial Support



Common Operating Picture / Environment
Civil Works Programs
Military Programs
Emergency and Contingency Operations

Warfighter Support

Installations, Energy & Environment
Civil Works
Support for Others



Research and Development

Real Estate — Acquire, Manage and Dispose / DoD Recruiting Facilities / Contingency Operations

ENGINEER RESEARCH & DEVELOPMENT CENTER

**ERDC
Headquarters**
Vicksburg,
Mississippi



**Coastal and
Hydraulics
Laboratory
(CHL)**



**Environmental
Laboratory
(EL)**



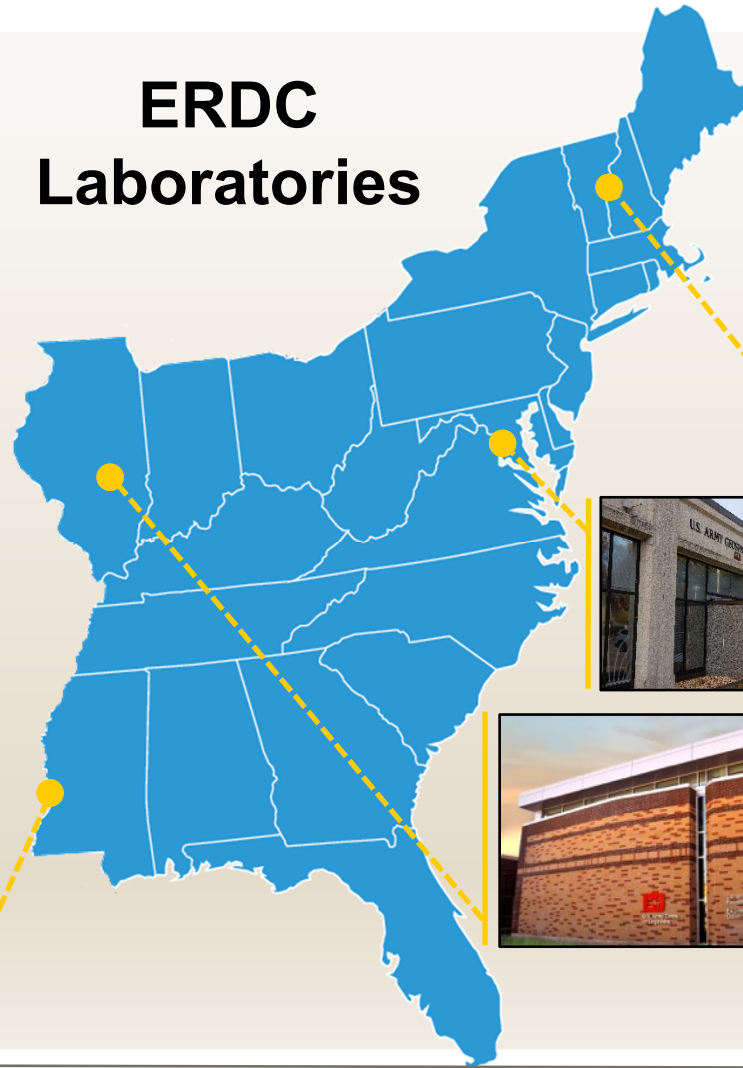
**Geotechnical
and Structures
Laboratory
(GSL)**



**Information
Technology
Laboratory
(ITL)**



ERDC Laboratories



**Cold Regions Research and
Engineering Laboratory
(CRREL)**
Hanover, New Hampshire



**Geospatial
Research
Laboratory
(GRL)**
Alexandria, Virginia



**Construction
Engineering
Research
Laboratory
(CERL)**
Champaign, Illinois

Field Offices

**Permafrost Tunnel
Research Facility**
Fox, Alaska

Alaska Research Office
Fairbanks, Alaska

**Lewisville Aquatic Ecosystem
Research Facility**
Lewisville, Texas

**Contingency Base Integration
Technology Evaluation Center
(CBITEC)**
Fort Leonard Wood, Missouri

Field Research Facility
Duck, North Carolina

Corbin Field Station
Woodford, Virginia

Extreme Exposure Station
Treat Island, Maine

**ERDC International
Research Office**
London, England

A World-Class Research & Development Organization that **Discovers, Develops and Delivers
New Ways to Make the World Safer and Better Every Day**

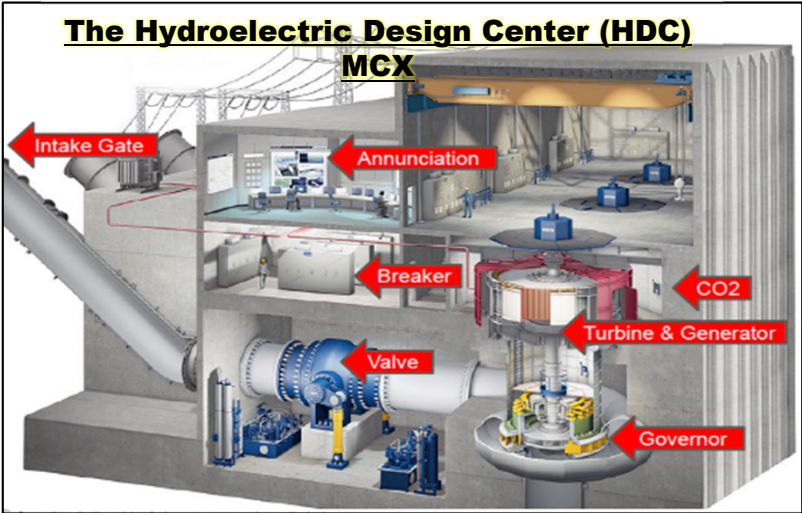
USACE Engineering and Construction Division Centers of Expertise

*For More Information, Contact:
Raul Alonso and Dawn Carney*

	HQ USACE Division	Total	MCX	TCX
48 USACE Centers of Expertise	Engineering & Construction (ECD) *	30	15	15
	Environmental (ED) *	2	1	1
	Integration Readiness Division (IRD)	3	2	1
	Interagency & International Services (IIS) *	1		1
	Operations Readiness (ORD) *	5	4	1
	Planning and Policy Division (PPD)*	2	1	1
	Programs Integration Division (PID)- Civil Works	1		1
	Programs Integration Division (PID)- Military Programs *	4	2	2
	Real Estate (RED)	4	1	3
	Safety & Occupational (SOH) *	1	1	

* Shared CX with other HQ division
MCX- Mandatory Center of Expertise
TCX - Technical Center of Expertise

Engineering and Construction Division Centers of Expertise	
Mandatory Centers of Expertise	Technical Centers of Expertise
1. Ballistic Missile Defense System Program 2. Centers of Standardization 3. Cost Engineering Center of Expertise 4. Dam Safety Modification 5. Electronic Security Systems 6. Facilities Explosives Safety 7. Fuel Facilities , Petroleum, Oils and Lubricants 8. Hydroelectric Design Center (HDC) & Pump Station 9. Inland Navigation Design Center 10. Medical Facilities 11. Modeling, Mapping & Consequences Production Center 12. Protective Design Center 13. Risk Management Center 14. Transportation Systems Center 15. Utility Monitoring & Control System	1. Aircraft Hangar Fire Protection 2. CAD/BIM Technology Center 3. Corrosion Control & Cathodic Protection 4. Facility Systems Safety 5. Heating, Ventilating, & Air Conditioning 6. Historic Structures & Buildings 7. Hydrologic Engineering Center 8. Paint Technology Center 9. Photogrammetric Mapping 10. Power Reliability Enhancement Program 11. Remote Sensing / GIS Technology Center 12. Subsurface Exploration Center 13. Survey Engineering and Mapping Center 14. Water and Wastewater Treatment 15. Welding and Metallurgy



THE ARMY GEOSPATIAL CENTER

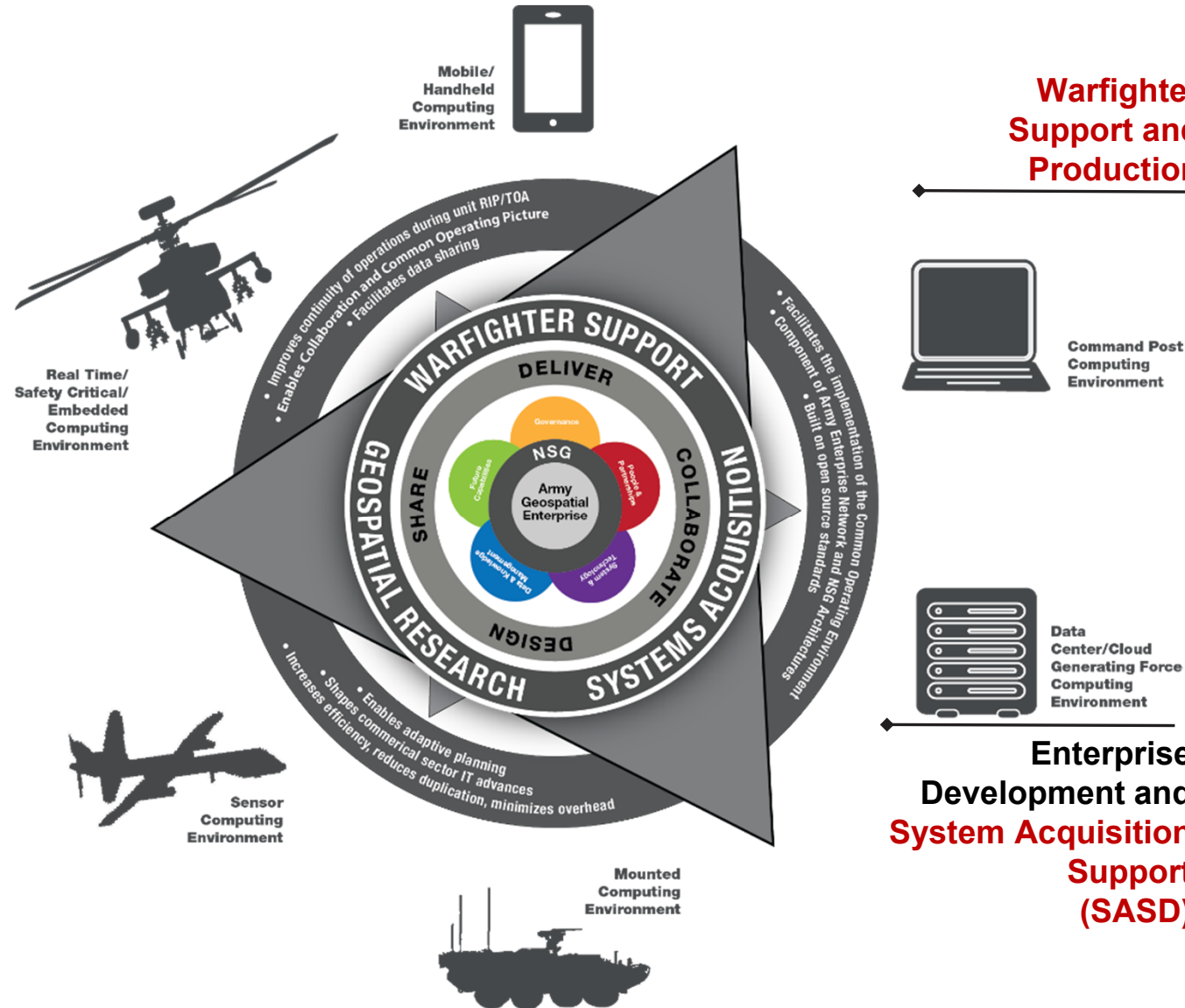
VISION: Be the choice provider for trusted and innovative geospatial information, services, and technologies for the Army and the Nation.

MISSION: The U.S. Army Geospatial Center (AGC) collects, analyzes, manages, and delivers geospatial data and products, provides acquisition support, and develops innovative solutions to solve the toughest geospatial challenges.

Research, Development, Test and Evaluation (GRL)



- Conduct RDT&E focused on geospatial technologies that characterize and measure phenomena within the physical (terrain) and social (cultural) environments.
- Manage technology integration, prototyping and demonstration programs.
- Focused on Army S&T Priorities.



Warfighter Support and Production

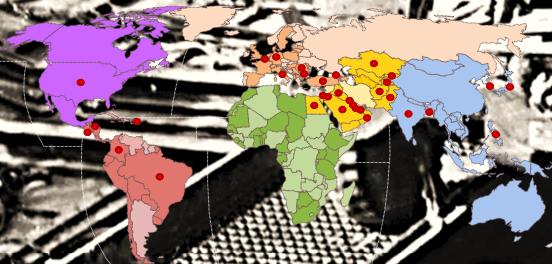
- Collect, create and provision strategic-operational-tactical imagery, elevation data, geospatial information and mission related products.
- Provide information on water location, quantity and quality.
- Provide training, technical support, and reach back capabilities to the field.

Enterprise Development and System Acquisition Support (SASD)

- Synchronize geospatial policies, priorities, program strategies and technologies across Army Acquisition ensuring efficient integration.
- Provide geospatial domain expertise to Army programs, experiments, and evaluations.
- Develop, acquire and field engineer and intelligence capabilities.
- Evaluate the Tactical Exploitation of National Capabilities.



QUESTIONS?

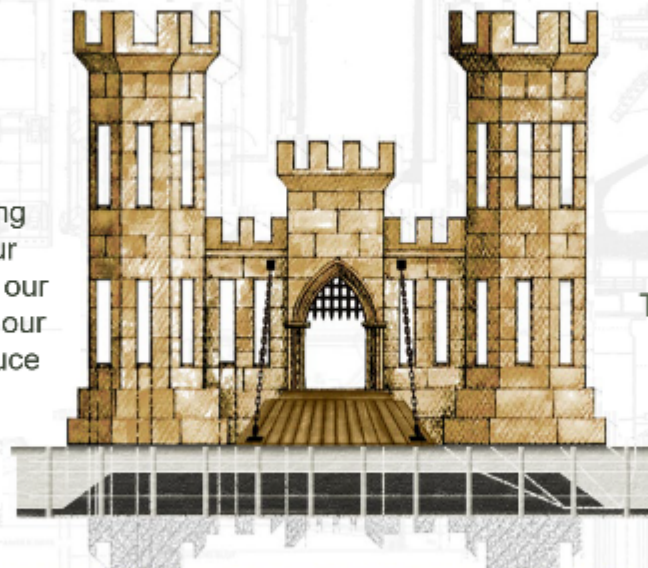


U.S. Army Corps
of Engineers

U.S. ARMY CORPS OF ENGINEERS

MISSION

Deliver engineering solutions, with our partners, to secure our Nation, strengthen our economy, and reduce disaster risk.



PRIORITIES

Today → Deliver
Tomorrow → Innovate
Always → You

ENGINEERING SOLUTIONS TO THE NATION'S TOUGHEST CHALLENGES

World-Class Delivery... Real World Impact!