

# U.S. ARMY CORPS OF ENGINEERS

## MISSION

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

## PRIORITIES

PEOPLE

READINESS

PARTNERSHIPS

INNOVATE



*ENGINEERING SOLUTIONS FOR THE NATION'S TOUGHEST CHALLENGES*



US Army Corps  
of Engineers®

David Morrow  
Acting Director  
Military Programs

Date: 14 NOV 2024





# USACE MISSION AREAS

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## Military Missions



Military Construction  
Installation Readiness  
Energy, Sustainability & Mission Assurance  
Field Force Engineering

## Geospatial Support



Common Operating Picture / Environment  
Support to Civil Works & Military Programs  
Emergency & Contingency Operations

## Contingency Operations



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

## Civil Works



Navigation, Water Supply & Hydropower  
Flood Control, Shore Protection  
Environmental Stewardship  
Recreation, Regulatory

## Interagency & International



Federal / State / Local / Tribal  
"Whole of USACE" Capabilities  
Support to Combatant Commands & Foreign Governments  
Overseas Contingency Operations

## Real Estate



Acquisition, Management, Disposal  
Defense Recruiting Facilities  
Real Property Accountability

Joint Services

International

Military Services

USACE Stakeholders

Interagency

Private Sector

DoD

## Environmental



Hazardous, Toxic, Radioactive Waste & Military Munitions Cleanup  
Planning, Compliance & Resource Conservation

## Research & Development



Military Engineering  
Water Resources & Environment  
Installations & Energy  
Geospatial

USACE Has a Diverse Mission Set Driven by Diverse Stakeholders



# Leadership Changes



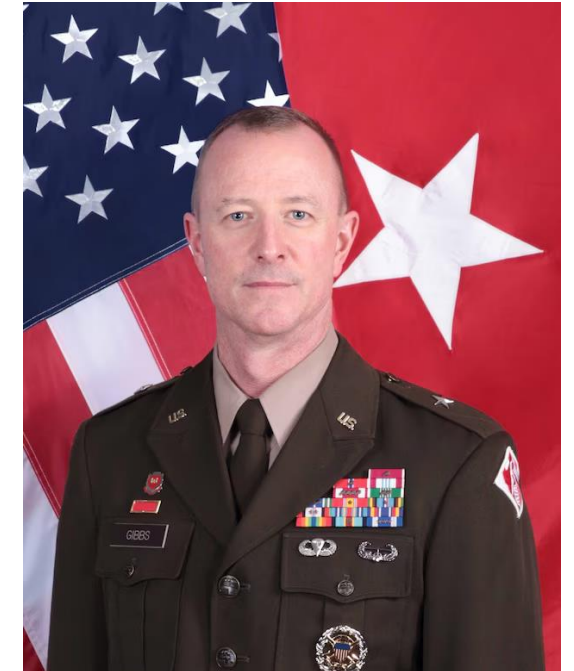
**LTG "Butch" Graham**  
56<sup>th</sup> Chief of Engineers



**MG Kimberly Colloton**  
Deputy Commanding General



**MG Jason Kelly**  
Deputy Commanding General  
Civil Works & Emergency Ops



**BG Kirk Gibbs**  
Deputy Commanding General  
Military & International Ops



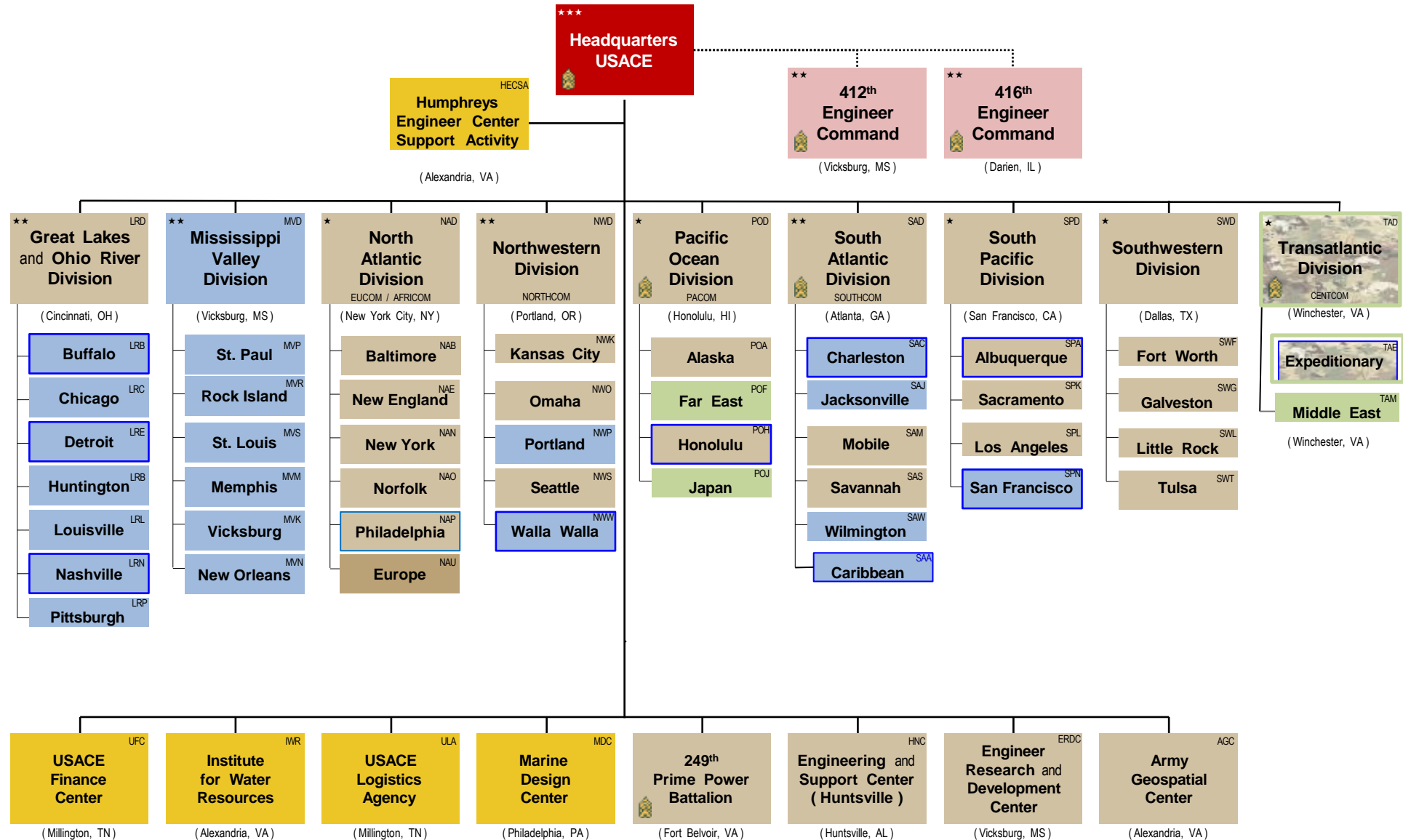


# USACE STRUCTURE

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US Army Corps of Engineers Mobile District Website

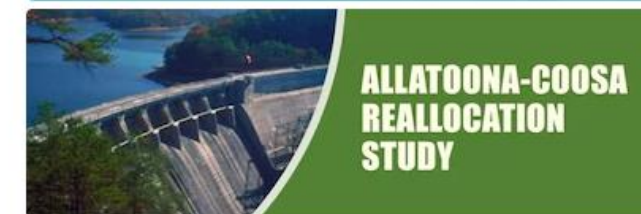
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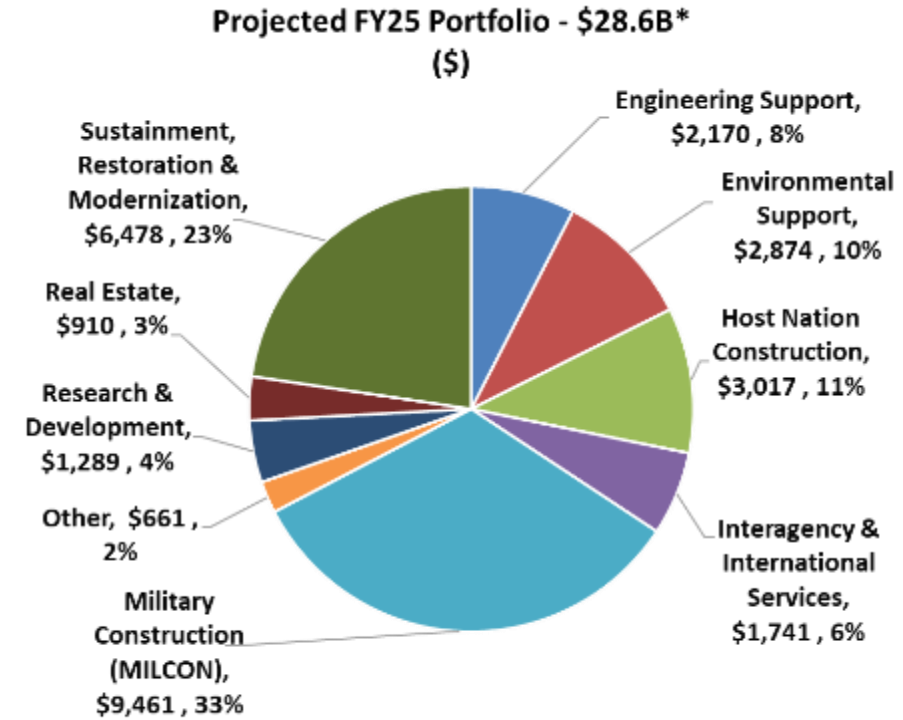
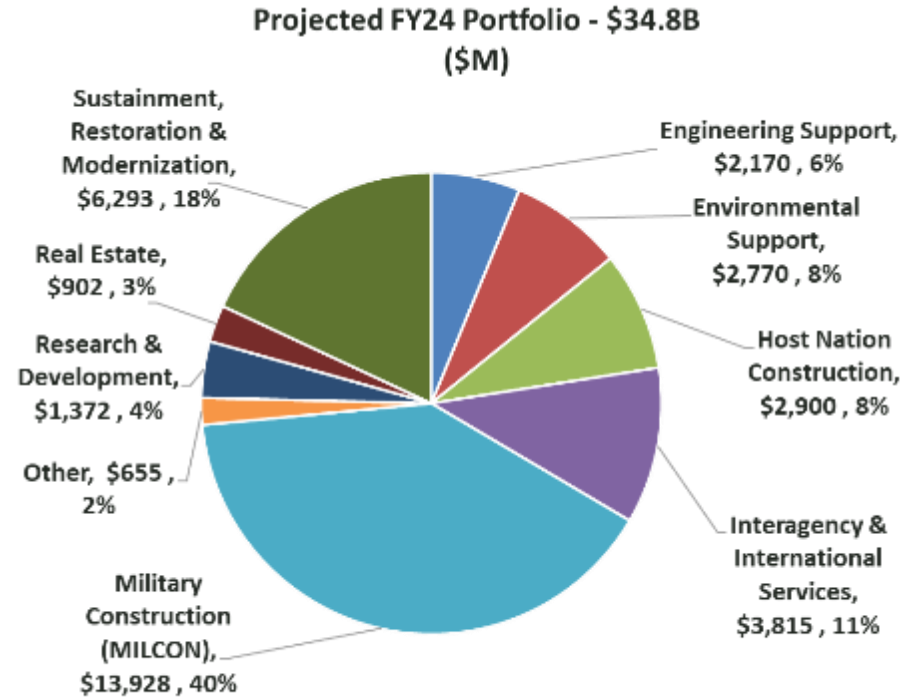
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[Read Story](#)

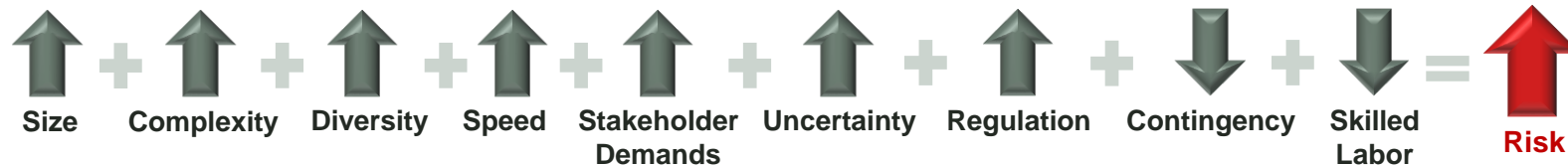


# USACE MILITARY PROGRAMS PORTFOLIO



\* Does not include MILCON and IIS carry-over

## Program Trends







# MILITARY PROGRAMS PORTFOLIO: MAKING A DIFFERENCE

7



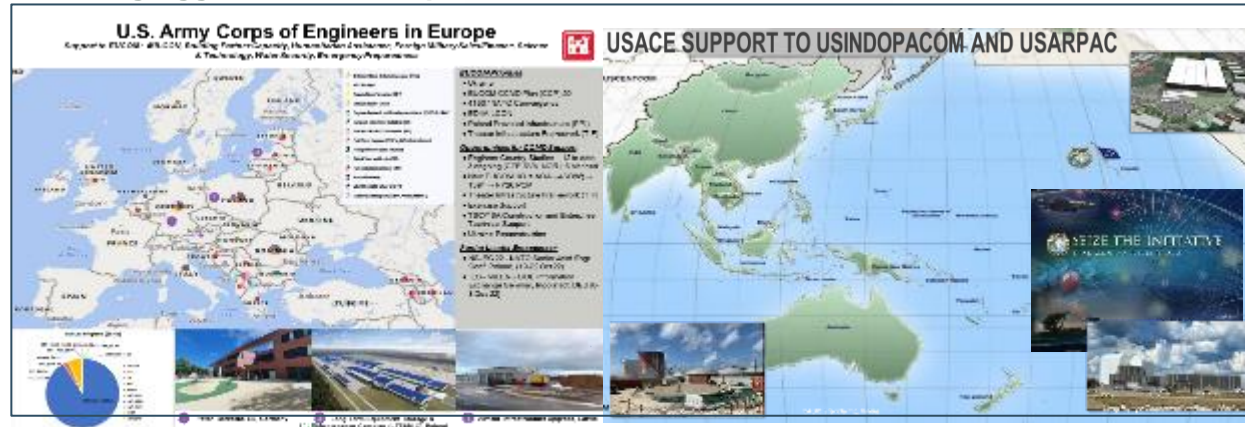
## Strengthening Allies and Partners – Foreign Military Sales



## Stewarding Our Nation's Natural Resources – Support to Emerging Contaminant and Military Munitions Remediation



## Deterring Aggression in Europe and the Indo-Pacific



## Modernizing the Army – Support to Army Installations and Organic Industrial Base Strategies



## Building a Resilient and Adaptable Defense Ecosystem

## Enabling Strategic Deterrence – Missile Defense and Sentinel Program



## Delivering Timely, Accessible, High-Quality Care to our Nation's Veterans - Department of Veterans Affairs Major Medical Facilities Program



## Sustaining the Force – DoD Recruiting Facilities Program





# TECHNICAL EXPERTISE

8



**Technical Capability / Capacity = Key element of USACE Value to the Nation**

## 249<sup>th</sup> Engineer Battalion



Black Lions!



- 13** Prime Power Platoons
- 41** MW of Total Potential Power Generation
- 3** Power Line Platoons
- 52** MEP-810B Power Units (104 Generators)



## Army Geospatial Center

Delivers geospatial information, services, and technologies for the Army, Defense, and the Nation

- Data Collection
- Analysis
- Visualization
- Dissemination
- Governance



## USACE Institute for Water Resources



## Engineering and Construction Centers of Expertise

### Mandatory Centers of Expertise

- ❖ Electronic Security Systems (ESS)
- ❖ Control System Cybersecurity
- ❖ Fuel Facilities (Petroleum, Oils and Lubricants)
- ❖ Transportation Systems Center (TSMCX)
- ❖ Ballistic Missile Defense System Program
- ❖ Dam Safety Modification
- ❖ Modeling, Mapping & Consequences Production Center
- ❖ Risk Management Center
- ❖ Facilities Explosives Safety
- ❖ Protective Design Center (PDC)
- ❖ Inland Navigation Design Center (INDC)
- ❖ Medical Facilities
- ❖ Utility Monitoring & Control System
- ❖ Hydroelectric Design Center (HDC)
- ❖ Cost Engineering Center of Expertise

### Technical Centers of Expertise

- ❖ Survey Engineering and Mapping Center
- ❖ Water Resources Remote Sensing / GIS Technology Center
- ❖ Welding and Metallurgy
- ❖ Corrosion Control & Cathodic Protection
- ❖ DD1391/Eng Form 3086 Review Center
- ❖ Subsurface Exploration Center
- ❖ Photogrammetric Mapping
- ❖ CAD/BIM Technology Center
- ❖ Aircraft Hangar Fire Protection
- ❖ Water and Wastewater Treatment
- ❖ Paint Technology Center
- ❖ HVAC Controls & HVAC Systems
- ❖ Roller Compacted Concrete
- ❖ Historic Structures & Buildings

## Other Centers of Expertise

### Mandatory Centers of Expertise

- ❖ Critical Infrastructure Cybersecurity (UCIC)
- ❖ Curation/Mgmt Archaeological Collections
- ❖ Environmental and Munitions
- ❖ Homeowners Assistance Program (HAP)
- ❖ Marine Design Center
- ❖ Range Training Land Program (RTLP)
- ❖ Reserve Real Property Exchange Program
- ❖ Sign Standards Program

### Technical Centers of Expertise

- ❖ Collaboration & Public Participation Center
- ❖ DoD National Relocation Program (DNRP)
- ❖ Hydrologic Engineering Center (HEC)
- ❖ Installation Support
- ❖ Joint Airborne Lidar Bathymetry Center
- ❖ Military Housing Privatization Initiative (MHPI)
- ❖ Rapid Response Technical Center
- ❖ Sustainment Management Systems
- ❖ Tribal Nation (TNTCX)










# U.S. ARMY ENGINEERING & SUPPORT CENTER (HUNTSVILLE CENTER)

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*The U.S. Army Engineering and Support Center, Huntsville, provides specialized technical expertise, global engineering solutions, and cutting-edge innovations to unique, complex, and high-risk missions through centrally managed programs in support of national interests.*

END USERS		STRATEGIC PARTNERS		PROGRAMS		KEY ACQUISITIONS		EFFECT	
 MEDICAL	<ul style="list-style-type: none"><li>• HOSPITAL COMMANDERS</li><li>• MEDICAL RESEARCH</li><li>• HEALTH CARE PROVIDERS</li><li>• VETERANS AFFAIRS</li></ul>	DHA, HQ/USACE, DVA	<ul style="list-style-type: none"><li>• MEDICAL CX</li><li>• RENOVATION</li><li>• OUTFITTING</li><li>• OPERATIONS &amp; MAINTENANCE</li></ul>	MFAES MATOC WHICS SATOC	Evidenced-based health facilities that enable world-class health care				
 BASE OPS & FACILITIES	<ul style="list-style-type: none"><li>• INSTALLATION COMMAND TEAMS</li><li>• PUBLIC WORKS</li><li>• MISSILE DEFENSE AGENCY</li><li>• DEFENSE LOGISTICS AGENCY</li></ul>	ASA IE&E, G-9, DoD IMCOM, HQ/USACE, AMC, USACE MSCs, USARC/RSCs, USARC/RDs	<ul style="list-style-type: none"><li>• FACILITY ENHANCEMENT &amp; BASE OPS</li><li>• CRITERIA &amp; STANDARDS</li><li>• ACCESS CONTROL</li><li>• DLA FUELS</li><li>• RANGES/MISSILE DEFENSE CX</li></ul>	REGIONAL MATOCS	Sustainable, integrated, and secure installations that allow commanders to focus on readiness				
 ENERGY	<ul style="list-style-type: none"><li>• INSTALLATION COMMAND TEAMS</li><li>• ENERGY MANAGERS</li></ul>	OEI, G-9, OEA, DoD, AFCEC, ESCO, DOE/FEMP, IMCOM, HQ/USACE, DASA-ES, ASA-IE&E	<ul style="list-style-type: none"><li>• PLANNING</li><li>• EXECUTION</li><li>• SUSTAINMENT, MEASUREMENT &amp; VERIFICATION</li><li>• THIRD PARTY FINANCE/PPA</li></ul>	3rd PARTY MATOC GSA	Comprehensive, cyber-secure, and integrated energy security/resiliency/efficiency solutions that enable customers to make decisions, troubleshoot, and manage critical infrastructure				
 OPERATIONAL TECHNOLOGY	<ul style="list-style-type: none"><li>• FACILITY MANAGERS</li><li>• UTILITY MANAGERS</li><li>• INFRASTRUCTURE MANAGERS</li></ul>	DoD, VA, USACE DISTRICTS, HQ/USACE	<ul style="list-style-type: none"><li>• ELECTRONIC SECURITY CX</li><li>• CIS2</li><li>• ICS CYBER-SECURITY CX</li><li>• UMCS METERING CX</li></ul>	ESS V UMCS IV FEM GSA	Increased security, productivity, and efficiency of facilities				
 ENVIRONMENTAL	<ul style="list-style-type: none"><li>• USACE DISTRICTS</li><li>• INSTALLATIONS</li><li>• COMBATANT COMMANDS</li><li>• US AIR FORCE</li></ul>	ASA IE&E, EPA, OSD, G-9, MSCs, DTRA, ACWA, HQ/USACE, CARA	<ul style="list-style-type: none"><li>• ORDNANCE RESPONSE ACTIONS</li><li>• CHEMICAL WARFARE MATERIEL RESPONSE</li><li>• CHEMICAL/RADIOACTIVE/MUNITIONS CONTAMINATION</li><li>• USACE ENVIRONMENTAL &amp; MUNITIONS CX</li></ul>	MEGA WERS GSA	Expertise, facilities, and lands that ensure protection of human health and the worldwide environment				



**1,000+ Technical Experts**

**41 Program Areas**

**8 Mandatory Centers of Expertise**

**6 Technical Centers of Expertise**

**17 Centers of Standardization**

- No Direct MILCON or Civil Works
- Supports programs and projects requiring:
  - Centralized program management
  - Unique, highly specialized, niche technical expertise
  - Systems functionality, commonality, or adaptation
  - Cutting-edge / emerging technology solutions
  - Functional support across multiple regions
- Supports Energy Programs, Facility Reduction Program, Electronic Security Systems, Access Control Points, Control Systems Cybersecurity



**7**  
**ERDC Laboratories**  
 Vicksburg, MS ( 4 )  
 Champaign, IL  
 Hanover, NH  
 Alexandria, VA

**Annual Program**

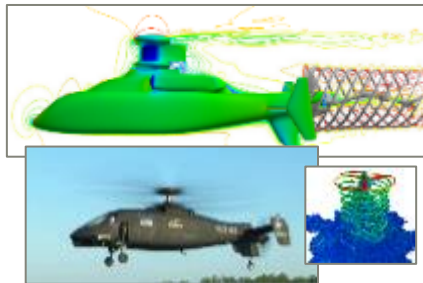
**2,570**  
**Employees**  
 1,538 Engineer and Scientists  
 1,030 w/ Advanced Degrees  
 439 E&S w/ PhDs

**\$2B+**  
**Unique Research**  
**Facilities / Equipment**

**88**  
**Active Patents**



**HPC for Army Aviation Concepts**  
 High-performance computing (HPC) enabled technical support to Future Vertical Lift design evaluation.



## ERDC Laboratories



**DARPA CRANE**  
 HPC expertise that allows DARPA performers to virtually explore more detailed and expansive high-fidelity variants of the X-65



A World-Class Research and Development organization that **DISCOVERS, DEVELOPS, and DELIVERS** new ways to make our world safer and better every day.



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# MILITARY PROGRAMS ACQUISITIONS

Stand-alone Actions: Hundreds per year

- Construction Contracts ~ \$15B per year
- Leases and Lease renewals ~ \$0.5B per year

Task Orders: Thousands per year

- Architect / Engineer Services ~ \$2B per year
- Environmental Services ~ \$2B per year
- Other Services ~ \$2B per year
- Construction ~ \$0.2B per year

New Task Order Contracts - MATOCS

Description	# MATOCs	Capacity
Architect / Engineer	15	\$4.2B
Environmental	8	\$3.1B
Other Services	8	\$3.5B
Construction	4	\$1.0B







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US Army Corps of Engineers Mobile District Website

[www.sam.usace.army.mil](https://www.sam.usace.army.mil)



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