

### **JOIN THE USACE TEAM!**







US Army Corps of Engineers.



## 250 YEARS 1775 🔢 2025

**U.S. Army Corps of Engineers BUILDING THE FUTURE** as we celebrate 250 years of service!

# **Our beginnings**

June 16, 1775

## Today

**Securing** the nation

**Energizing the economy** 

**Reducing risk** from disaster

We are **engineering solutions** for our nation's toughest challenges

Played a crucial role in growth of a young republic

Surveyed canals and railroad routes, and served as explorers and map makers **Responded to changing defense requirements** 

We continue the tradition of providing vital engineering services

**BUILDING THE FUTURE** 

## Celebrating **250** years of service to our nation!



## USACE **HISTORY**

The 1927 Rivers and Harbors Act directed a series of river surveys to determine the feasibility of hydroelectric dams in combination with navigation, irrigation, and flood control measures. This program marked the first nationwide, multipurpose water resources planning program. Later that year, devastating floods on the Mississippi led to the Flood Control Act and design and construction of the Mississippi Rivers and Tributaries system.

1927

The Flood Control Act authorized USACE to develop recreational facilities on project sites. Today more than 400 USACE lakes receive more than 266 million visitors per year.



1944

## **USACEHISTORY**

Passage of significant environmental legislation in the 1970s, including the National Environmental Policy Act (1970), the Clean Water Act Amendments (1972) and the Endangered Species Act (1973), required USACE to greatly expand environmental review and permitting programs and hire a new generation of experts on natural systems.

1970

Failures in the levee system protecting New Orleans during Hurricane Katrina in 2005 led to an appreciation of the value of our infrastructure and one of the most complex risk analyses carried out by the USACE as part of an interagency taskforce. At the same time, through its dam and levee safety programs, USACE was becoming a world leader in using risk to make better decisions about how to invest

in aging infrastructure.

2007



2012



The Bipartisan Infrastructure Law is a historic opportunity for the nation to invest in its critical infrastructure. For USACE, BIL provided \$17.1B to address current and future Civil Works' water resources infrastructure needs for the benefit of the American public.

2021

USACE responded to the 9-11 terror attacks with structural assessments, power restoration, debris removal, and a focus on increasing the security of infrastructure across the nation. When the U.S. entered the Global War on Terror, first in Afghanistan and then Iraq, USACE established new overseas districts and a division in those countries to help rebuild their shattered infrastructure.

2001

**Responded to Superstorm** Sandy with a range of missions developed in coordination with FEMA over three decades, including power restoration, debris removal, reopening ports, and pumping flood waters out of critical transportation infrastructure.

As part of the Unified Command response to the collapse of the Francis Scott Key Bridge, the U.S. Army Corps of Engineers, worked closely with the U.S. Navy Supervisor of Salvage and Diving to restore the Fort McHenry Federal Channel to its original dimensions of 700 feet wide and 50 feet deep for commercial maritime transit through the Port of Baltimore. The clearance of the Fort McHenry Federal Channel, which had been blocked by the bridge collapse since March 26, 2024, required daily wreckage removal and salvage operations to accomplish the lune reopening goal. 

2024



## **US Army Corps** of Engineers®

#### Building Towards the

**FUTURE** 

Our workforce is diverse, innovative, collaborative, dedicated, talented, driven and educated



## PEOPLESTRONG

deployments in support of

## We have experts in fields as unique as our people

## DCSTRONG

Built this structure between 1916 and 1923

Three renovation efforts

**AMERICAN RED CROSS** Supervised the building of this memorial to women of the Civil War

The U.S. Army Corps of Engineers is best known for its water resources mission, environmental work and construction of military bases; we've also built many of the historic monuments and structures of Washington, DC.

KEY BRIDGE



#### **WASHINGTON AQUEDUCT**

The aqueduct produces drinking water for approximately **one million** citizens in Washington and the northern Virginia area

#### **U.S. CAPITOL**

USACE supervised the extension of the Capitol building and construction of a new larger dome in the 1850s and early 1860s

LIBRARY OF CONGRESS

Managed the construction of the Lincoln Memorial, Washington Monument, the **Korean Veterans Memorial**, the Library of Congress and other historic structures

## **Almost everything Americans** use moves through waterways we maintain



of the overseas trade moves 98% through USACE projects

of **consumer goods** bought % by Americans pass through harbors maintained by USACE

More than

464

## NAVIGATION STRONG

states directly served by our ports & waterways

We maintain about 12,000 miles of U.S. inland waterways



of **imported oil** comes to the U.S. through harbors maintained by USACE

## **POWERSTRONG**

## The energy we generate powers a cleaner America



USACE is the largest owner and operator of hydroelectric power plants in the U.S.

# POWERFUL out of out of

of hydropower in the U.S. is generated by our plants

One of the LARGEST electric suppliers in the U.S.

# DEDICATED

Our technicians work 24 HOURS A DAY 7 DAYS A WEEK 365 DAYS A YEAR

and minute-by-minute to monitor energy production

Per year, we generate

enough to power **8 cities** the size of

kilowatt-hours of clean renewable energy

B

Seattle, Washington

1934



It provides electricity 9000 homes per for approximately year



# We are the nation's environmental engineer



protect human health and the environment

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21

## ENVIRONMENT STRONG

The Bipartisan Infrastructure Law provides a **\$17.1 billion** investment

for Civil Works projects that address water resources and infrastructure needs for the nation.



## **Environmental Stewardship & Restoration** MANAGING 12 million acres

of land and water (the size of New Hampshire & Vermont combined)

in 43 states



## DEFENSESTRONG

# We deliver innovative, resilient, and sustainable solutions to the Department of Defense and the nation

#### 



**Engagements** 140 events in 40+ countries in 2024



Recruiting Facility Leases \$330M (FY23) / 2,600 offices (All Services)

Actively working to reduce DoD's \$43 billion in environmental liability







International Support) Host Nation Construction \$7.6B / 157 projects across South Korea, Japan, Kuwait and

\$1.35B / 2,000+ projects

(DOD/Army/Interagency &

#### Where we are ...

Saudi Arabia

Engagement Physical **140+** countries **30+** countries work,

Building world-class facilities for our service members to

work, train & live

SECURED **\$2B+** in private investments to advance the efficiency and resilience of installation energy/water infrastructure and systems vital to Army and DoD mission readiness.





Energy Resilience & Conservation \$2B / 103 projects (Army/AF) DOD

**Security Assistance** \$6B / 272 projects in 44 countries

Net-Zero & Sustainable Materials Pilots \$743M / 7 projects (Army/AF)



## RECREATION STRONG

**More than** 

picnic sites

(\$

# Visitors contribute more than

recreation areas



Nearly 43K volunteers working 1.5 MILLION hours

## INFRASTRUCTURE **STRONG**

2,200 LEVEE SYSTEMS & 700+ DAMS

# We are reducing risk for Americans

Reducing the impacts of flooding on people, businesses, critical infrastructure and the environment.

> PROTECTING \$3 TRILLION in national infrastructure

along our coasts

We operate approximately

240 navigation lock chambers

at more than **190** sites

and manage dams in

**4** STATES



### **\$202.4 BILLION**

average annual damage prevented by **dams**, levees and emergency operations from 2014 to 2024

Providing 6.9 BILLION gallons of water per day. that's enough for the daily household needs of 101 MILLION people

## We are one of the world's premier engineering and scientific research organizations

**Our research and development facilities** are made up of more than 3,000+ highly skilled professionals

#### **Engineering & Science Degrees**



**SUPER FAST** 



## We have really cool toys World-class facilities include

One of the WORLD'S MOST POWERFUL centrifuges **BLAST EFFECTS** facilities Specialized COASTAL MONITORING equipment **ENDANGERED SPECIES** laboratories **FROST AND ICE ENGINEERING** facilities **1800-FOOT** coastal research pier technology that simulates **EARTHQUAKE VIBRATION** 

## **OUTREACH**

Reach more than 13K students through STEM



Our supercomputers are some of the most powerful and fastest in the world, with a capability of 47.5 quadrillion calculations per second

## **RESEARCHSTRONG**





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## We are everywhere we need to be ...



**2** U.S. Army Reserve Theater Engineer Commands (412th and 416th)



www.usace.army.mil