

OF ENGINEERS HISTORY

43 USACE began construction support for NASA, leading to major activities at the Manned Spacecraft Center and John F. Kennedy Space Center.

1961 Construction of the Pentagon completed 16 months after groundbreaking.

1986 Water Resources Development Act brought major change in financing by requiring nonfederal contributions toward most federal water resources projects.

1992 USACE undertook major disaster recovery in wake of Hurricanes Andrew and Iniki.

2004 The Gulf Region Division established in Baghdad to manage the Iraq reconstruction program.

2005 Hurricanes Katrina and Rita ravaged the Mississippi Gulf Coast and subsequent storm surges overwhelmed the protective levees around New Orleans.

2011 USACE responds to Mississippi River floods, which were among the largest and most damaging recorded along the U.S. waterway in the past century.

2012 USACE responds to Hurricane Sandy, which affected 24 states and was named the largest hurricane to have formed in the Atlantic Basin.

Headquarters U.S. Army Corps of Engineers

441 G Street, NW
Washington, DC 20314

www.usace.army.mil

BUILDING STRONG®

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US Army Corps of Engineers

Serving the Nation Since 1775

SIGNIFICANT DATES IN THE U.S. ARMY CORPS

1775 Continental Army established and first Chief Engineer appointed.

1802 Army Corps of Engineers permanently established and U.S. Military Academy founded under USACE.

1824 An act to improve navigation on the Ohio and Mississippi rivers initiated permanent civil works construction mission. General Survey Act authorized use of Army engineers to survey roads and canals.

1884 Construction of Washington Monument completed.

1914 Panama Canal completed under supervision of Army Engineer officers.

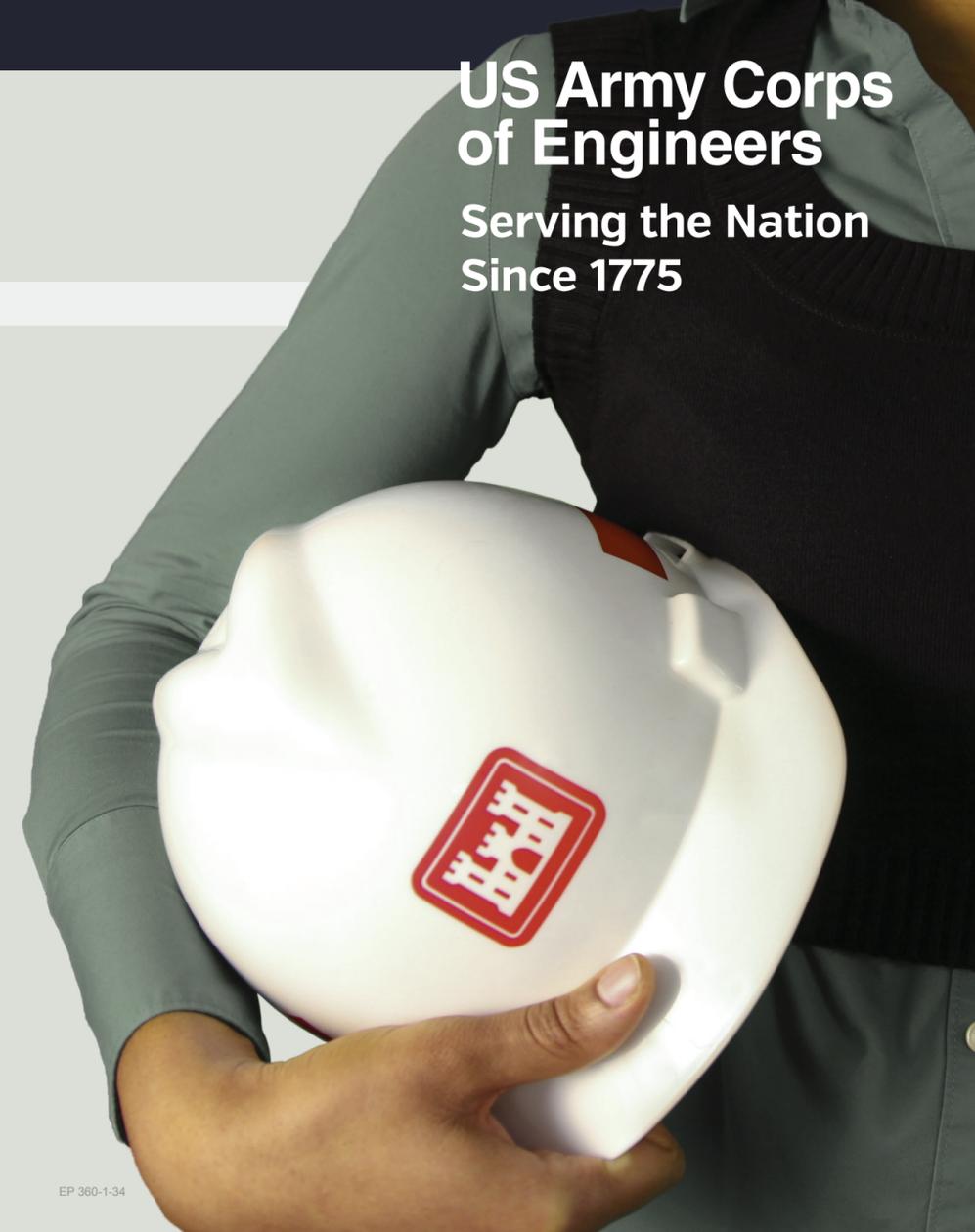
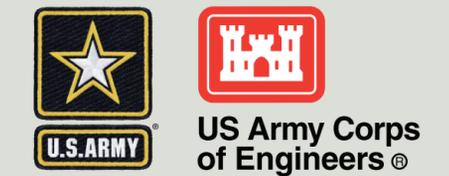
1936 Flood Control Act made flood control a federal policy and officially recognized USACE as a major flood control agency.

1941 USACE took over all real estate acquisition, construction and maintenance for Army facilities.

Where we are

RECREATION
4057 recreation sites receive 370 million visits per year

Military Construction Program
between 2006 & 2013 totaling almost \$44.6 billion – the LARGEST construction effort since World War II.



USACE at a glance

Hydropower
1 out of every 4 MEGAWATTS in the US is generated by USACE hydropower plants

Water Supply
6.5 BILLION gallons of water per day from USACE lakes provide daily indoor needs of 96 million households

Dams & Levees
\$36.2 billion average annual damages prevented by USACE dams, levees and emergency operations from 2003 to 2012

Environmental Stewardship & Restoration
12 million acres of wildlife habitat (the size of New Hampshire & Vermont combined) in 43 states.

Construction of Iconic American Projects
the Washington Monument
the U.S. Capitol Dome
the Library of Congress
the Lincoln Memorial and the Pentagon.

Waterways, Locks & Ports
12,000 miles of inland waterways carry 51 million truck trips per year and \$1.77 billion of U.S. trade



SUPPORT THE WARFIGHTER

Delivering innovative, resilient and sustainable solutions to DoD and the nation

TRANSFORM CIVIL WORKS

Delivering enduring and essential water resources solutions

REDUCE DISASTER RISKS

Delivering support that responds to, recovers from, and mitigates disaster impacts to the nation

PREPARE FOR TOMORROW

Building resilient people, teams, systems and processes to sustain a diverse culture of collaboration, innovation and participation

Support to Army Service and Combatant Commands
USACE supports U.S. defense and security assistance goals worldwide by providing agile and expeditionary engineering and construction capabilities. USACE is engaged in more than 130 countries in support of Army service and combatant commands, other U.S. Armed Forces, allied nations and U.S. national objectives including contingency operations.

since 2001 more than **11,000** USACE civilian deployments to Iraq and Afghanistan

Installation Management
USACE is on call to provide reimbursable support to Army Garrison Commanders and Directorates of Public Works. Services include: military master planning; design and construction; net zero energy efficient facilities; sustainable facilities; and flexible contracting tools.

Environmental Restoration
USACE also cleans up hazardous, toxic, or radioactive waste and military munitions on Formerly Used Defense Sites, military installations, and Army bases that are closed under Base Realignment and Closure. USACE also supports the EPA by cleaning Superfund sites and working with its Brownfields and Urban Waters Programs.



working in **130** COUNTRIES in support of combatant commanders

Navigation
Navigation was the U.S. Army Corps of Engineers' earliest Civil Works mission, dating to 1824 when Congress authorized USACE to improve safety on the Ohio and Mississippi Rivers and several ports. Today, USACE keeps federal channels safe for commerce by providing reliable, efficient and environmentally sustainable transportation systems for U.S. ports, harbors and inland navigation.

1 NAVIGATION
USACE's first Civil Works Mission ~est 1824~

Dredging
USACE removed more than 230 million cubic yards of dredged material from federal channels in fiscal year 2012. USACE uses dredged sediment to restore neighboring wetlands and naturally re-nourish beaches.

Environmental Protection and Ecosystem Restoration
USACE is involved with several projects that have a significant impact in protecting and restoring the environment including: South Florida Ecosystem Restoration, Columbia River Fish Mitigation, and the Missouri River Fish and Wildlife Recovery.

Regulatory Programs and Permits
USACE issues permits for all construction activities affecting U.S. waters. The federal goal is no net loss of wetlands. USACE works to allow reasonable development through fair, flexible, and balanced permit decisions. Nationwide, USACE issues more than 63,000 permits annually.

Flood Risk Reduction
USACE reduces disaster risk each day, from routine maintenance on dams to levee safety inspections; to designing and building flood risk reduction systems; to modeling and simulations. By using a watershed approach, USACE reduces flood risk and improves and maintains essential ecosystems.

Dam Safety
USACE's approximately 700 dams are part of our nation's landscape, integral to many communities and critical to watershed management. Dam safety professionals make sure the project's authorized benefits are delivered and risks to people, property and the environment are reduced through continuous assessment, communication and management.

Levee Safety
USACE works with local sponsors to assess, communicate and manage benefits and risks associated with approximately 14,600 miles of levee in its Levee Safety Program.

Disaster Response and Recovery
In any disaster, USACE is the federal government's lead public works and engineering support agency to coordinate long-term infrastructure recovery. USACE is part of the unified national response to disasters and emergencies, deploying hundreds of people to provide technical engineering expertise.

Since 2001, hundreds of members of the USACE Planning and Response Team have traveled across the nation and the globe supporting 9/11 response at the World Trade Center and the Pentagon; Hurricanes Rita, Katrina, and Sandy; Missouri and Mississippi floods; Haiti's earthquake and Japan's earthquake and resulting tsunami; wildfires in California and New Mexico; and tornadoes in Joplin, Missouri and the Midwest.



- USACE focuses on people, technology and collaboration with our federal, local and industry partners:**
- 1 We are investing in the technical competencies and capability of our work force through professional certifications.
 - 2 We are preparing agile leaders through developmental assignments and deployments.
 - 3 We are recruiting engineers and military veterans, particularly those with diverse backgrounds, and our Nation's Recovering Service Members.

BUILDING STRONG® STEM STUDENTS
In order to increase college and career readiness and student interest in STEM, the U.S. Army Corps of Engineers and the Department of Defense Education Activity established a partnership, STEM ED, in May 2013. Unlike other STEM initiatives,

this program is embedded in the classroom and tied to the DoDEA curriculum. The program provides integrated conceptual understanding and face-to-face, long-term interaction with teachers and students.

