



**US Army Corps  
of Engineers®**

# *Civil Works Program*

*One Corps serving The Army and the Nation*

**The Directorate of Civil Works is a major component of the U.S. Army Corps of Engineers. The Civil Works programs include water resource development activities including flood control, navigation, recreation, and infrastructure and environmental stewardship. Our mission also includes emergency response. Proud of our past. Building for the Future.**

For more than two centuries, the employees of the U.S. Army Corps of Engineers have been committed to serving you, our customers by providing comprehensive engineering, management and technical support to the Nation in peace and war. We are nearly 37,000 Americans located in 11 divisions, 40 districts and hundreds of area, project and resident engineer offices worldwide.

Army involvement in works "of a civil nature" goes back almost to the origins of the U.S. Over the years, as the Nation's needs have changed, so have the Army's Civil Works missions. Those missions today fall in four broad areas: water infrastructure, environmental management and restoration, response to natural and manmade disasters, and engineering and technical services to the Army, DoD and other Federal agencies.

At Corps of Engineers Headquarters in Washington, DC, the Directorate of Civil Works oversees the program. Civil Works projects are located throughout the United States. The Digital Project Notebook is an Internet map-based application that presents information on all U.S. Army Corps of Engineers Civil Works projects.

Funds for the Civil Works program come from the annual Energy and Water Development Appropriation, not the Defense budget. Add to that the cost-sharing funds supplied directly by

non-Federal sponsors for specific projects and the total civil program is about \$5 billion a year.



The process for developing Civil Works projects begins when citizens see a need for flood protection, navigation, or other water-related infrastructure and ask Congress for help. Congress will direct the Corps to do a study to see if a project is warranted. Corps studies are usually done in 2 phases: an initial reconnaissance to determine if a feasible solution is likely, then a feasibility study to examine alternatives and select the project that best meets national and local needs. Most feasibility studies are cost-shared with a local sponsor. If the conclusion is positive, before any construction, Congress must first authorize the project and then appropriate funds. Most projects are built with a combination of Federal funds and contributions by non-federal sponsors. Depending on project purpose, the Corps then either operates and maintains the completed project, or turns it over to local authorities.

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For additional information on the Civil Works Program, please call 202-761-0000 FAX 202-761-1683. Office of Congressional Affairs, 202-761-1059



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# *Military Programs*

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**The Military Programs Directorate mission is to provide premier engineering, construction and environmental management products and services for the U. S. Army, the U. S. Air Force, Department of Defense Agencies, other United States Government Agencies and foreign Countries.**

Our mission is executed around the world through eight Engineer Divisions (General Officer commands) and 41 subordinate Engineer Districts (Colonel and Lt Colonel commands). Additionally, we have two Engineer Centers: one at Huntsville, AL which is executing our worldwide Ballistic Missile Defense and Chemical Demilitarization Programs and one at Winchester, VA which executes the bulk of our missions in the Middle East and Africa. Finally, we have seven Laboratories, which provide military-related research to include digital topographic support.

Our workforce of 10,200 personnel is spread across the country and located in over 80 foreign countries, providing reimbursable engineering expertise throughout the world. The FY02 Military Programs accounts we are executing this year total over \$7.6 Billion.

We are the world's premier public engineering organization responding to our nation's needs in peace and war for the past 236 years and will continue this tradition into the 21st century.

The Military Programs Directorate has four major Divisions—Programs Management, Environmental, Installation and Support, and Interagency and International Services (IIS).

- Programs Management Division provides program management for the Military Construction (MILCON) and IIS programs
- The Environmental Division provides committed and professional management and execution of the Environmental Program for Prevention, Conservation, Compliance, and Restoration
- International and Interagency Services Division provides reimbursable technical assistance to other Federal agencies, state and local governments, Indian nations, private U.S. firms, international organizations and foreign governments. In executing the program, the Corps seeks to provide management support that complements the expertise of other agencies and helps protect the Federal interest.
- The Installation Support Division provides Headquarters USACE staff support, and direct real property facilities management and installation support activities for the Directorate of Military Programs, and performs related services for the Army, and the Assistant Chief of Staff for Installation Management.

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For more information about Military Programs, please contact Colonel Mark Tillotson, Military Programs Executive Director, at 202-761-0380 or [mark.e.tillotson@usace.army.mil](mailto:mark.e.tillotson@usace.army.mil), or visit our [Military Programs Office](http://www.usace.army.mil/military.html#Office) web page at <http://www.usace.army.mil/military.html#Office>.  
Office of Congressional Affairs, 202-761-1059



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# Environmental Operating Principles

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**As an integral part of our mission, the Army Corps of Engineers will be a national leader in environmental and natural resource stewardship for present and future generations.**

Today, the US Army Corps of Engineers performs multi-faceted military and civil missions in service to the Nation. These missions have both direct and indirect impacts on our natural environment. As society's needs and values have changed, the Corps responded with programs for wetlands and shore protection, environmental cleanup, and natural resources restoration.

Our goal is to adhere to Environmental Operating Principles that are broad enough to apply to this range of activities, and yet concrete enough to meaningfully guide the environmental responsibilities of the Corps in the future. The Corps, as part of the Army, continues to embrace the "four pillars" of the Army's environmental strategy.

When the National Environmental Policy Act was passed in 1969 and signed into law on January 1, 1970, the United States established a national policy to "encourage productive and enjoyable harmony between man and his environment; promote efforts which will prevent or eliminate damage to the environment and biosphere and stimulate the health and welfare of man; enrich the understanding of ecological systems and natural resources important to the Nation."

It is striking how contemporary this statement is and how well it and the Army's "four pillars" serve as a springboard for the Corps Environmental Operating Principles:

- Strive to achieve Environmental Sustainability. An environment maintained in a healthy, diverse, and sustainable condition is necessary to support life.

- Recognize the interdependence of life and the physical environment. Proactively consider environmental consequences of Corps programs and act accordingly in all appropriate circumstances.
- Seek balance and synergy among human development activities and natural systems by designing economic and environmental solutions that support and reinforce one another.
- Continue to accept corporate responsibility and accountability under the law for activities and decisions under our control that impact human health and welfare and the continued viability of natural systems.
- Seek ways and means to assess and mitigate cumulative impacts to the environment; bring systems approaches to the full life cycle of our processes and work
- Build and share an integrated scientific, economic, and social knowledge base that supports a greater understanding of the environment and impacts of our work.
- Respect the views of individuals and groups interested in Corps activities, listen to them actively, and learn from their perspective in the search to find innovative win-win solutions to the Nation's problems that also protect and enhance the environment.

These principles will be integrated into the Program Management Business Process and other Corps decision-making at the earliest stage possible.

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For additional information, please contact:

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Office of Congressional Affairs, 202-761-1059

# ***Civil Emergency Management***

The mission of the Corps of Engineers Civil Emergency Management Branch is to Support the Nation and Other Agencies During Times of Crises by Providing "All Hazards Response" while Maintaining a High Level of Preparedness

Under the Stafford Act and National Response Plan, USACE is the Emergency Support Function #3 ( Public Works & Engineering) lead element for the Federal Government. USACE also has a Flood Damage Reduction Mission with Flood Control and Coastal Emergency (FCCE) Management Funds under Public Law 84-99. The FCCE activities average expenditures of approximately \$70 million per year.

Examples of activities requiring USACE Emergency Management expertise over the last 10 years are:

Hurricane Marilyn '95  
Oklahoma City Bombing '95  
Hurricane Fran '96  
California Floods '97  
Ohio River Flood '97  
Red River of North Flood '97  
Lower Miss. Flood '97  
Hurricane Georges '98  
Hurricane Floyd '99  
Los Alamos Fires '00  
Nisqually Earthquake '01  
Houston Floods '01  
West Virginia Floods '01  
World Trade Center/Pentagon '01  
Chataan Typhoon in Guam '02  
California Mudslides '03  
Hurricane Isabel '03  
Hurricanes Charley, Frances, Jeanne, and Ivan '04  
South Asian Tsunami '04  
Ohio River Flooding '05  
California Flooding '05

As USACE provides federal support to these emergencies, typical activities and mission assignments involve:

- Ice
- Water for drinking
- Emergency Power
- Temporary Roofing
- Temporary Housing
- Technical Assistance
- Structural Safety Assessments
- Debris Clearance and Removal

The USACE response to hurricanes Charley, Frances, Jeanne, and Ivan in 2004 illustrates the type of support the Corps provides the nation under the ESF #3 Function in support of FEMA:

- A total of 3,255 Corps employees were deployed in response to the hurricanes.
- The total amount of the FEMA missions assigned to the Corps was \$970 million. In addition, the Corps spent \$6.4 million of its own FCCE money, which is authorized to handle flood response and emergency operations.
- A total of 136,217 temporary roofs were installed and 991 temporary housing units (travel trailers) were provided.
- The Corps delivered 31.2 million liters of water and 163 million pounds of ice.
- There were 1,403 generator assessments, and 583 generators were installed.
- A total of 2,544,297 cubic yards of debris were removed.

The Corps emergency management philosophy is to be prepared to respond to any contingency as part of the National Response team. We take great pride in both our planning for and our actual execution of plans whenever a disaster strikes.

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# Real Estate

*One Corps serving The Army and the Nation*

**The Real Estate Office manages the full range of real estate services for the military and civil works activities of the Army and Air Force, and for other federal agencies as requested.**

## **THE REAL ESTATE PROGRAM**

The Corps has the necessary expertise to prepare comprehensive plans for meeting the real estate requirements of any Federal or Federally funded program or project. Our team of realty specialists, cadastral staff, appraisers, attorneys, and other Corps experts work with customers to provide all planning services.

Our staffs of qualified appraisers and review appraisers have extensive experience with all types of properties including residential, commercial, industrial, mixed-use properties and unimproved land.

Our programs capabilities include:

### **LEASING**

Staging areas, single housing units, office space, and large multi-use and special purpose facilities are just some of the properties the Corps can acquire through leasing.

### **ACQUISITION**

The Corps acquires licenses, permits, and all types of interests in land from easements to leases, to total ownership in rural, urban, improved and unimproved land. We provide a full range of real estate services.

### **RELOCATION ASSISTANCE**

Our relocation counselors have had extensive experience administering relocation assistance advisory services and payments since the passage of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970. We have successfully relocated thousands of individuals, businesses, farms, and nonprofit organizations.

## **ASSET MANAGEMENT**

The Corps has stewardship of approximately 24 million acres of project lands and thousands of buildings. We manage leases for resort and marina developments, golf courses, public parks, housing, agricultural and forestry management, fish and wildlife management, industrial purposes, and administrative and warehouse space. We also have extensive experience in oil and gas leasing. We routinely perform inspections to monitor compliance with lease, license and easement provisions and environmental requirements. We also perform utilization inspections to identify excess property and seek creative ways to reduce operation and maintenance costs. In addition we have substantial experience with encroachment resolution and the resolution of title disputes.

## **MILITARY CONTINGENCIES AND NATURAL DISASTER RELIEF**

The Corps provides trained and ready real estate team members to support deployed forces, contingency operations and to assist in natural disaster emergencies.

## **DOD EXECUTIVE AGENT DUTIES**

We execute three programs for the Department of Defense (DOD): lease all the recruiting stations for the Army, Navy, Air Force, and Marine Corps; run the Homeowners Assistance Program which helps military and civilian Government employees whose homes lose value from a DOD base closure or realignment announcement; and assist DOD employee homeowners when they are forced to relocate.

Our customers have a single point of contact to provide them access to our entire network of professionals worldwide. As their partner, we are committed to delivering on time and within budget. Our success is helping the customer to succeed.

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For additional information on the Real Estate Program, please contact Linda D. Garvin, Director of Real Estate, 202-761-0483. [Linda.d.garvin@usace.army.mil](mailto:Linda.d.garvin@usace.army.mil)  
Office of Congressional Affairs: 202-761-1059



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# *Interagency and International Services*

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**Interagency and International Services (IIS) is a Corps program to provide reimbursable technical assistance to other Federal agencies, state and local governments, Indian nations, private U.S. firms, international organizations and foreign governments.**

In executing the Interagency and International Services program, the Corps seeks to provide management support that complements the expertise of other agencies and helps protect the Federal interest.

The Corps works with a wide range of partners in executing its IIS work. These include the Department of Defense and Department of Army, other Federal agencies, engineering associations, international associations and organizations and Congress. This program works in partnership, not in competition, with the private sector as about 85 percent of the work is contracted to the private sector.

In any year, the Corps assists over 60 Federal agencies managing the execution of, on average, a \$700 million program. The largest Federal agency customer is the Environmental Protection Agency and its Superfund program. Corps work for other agencies includes environmental and engineering work for the Department of Energy and construction support to the Immigration and Naturalization Service on building border crossing facilities.

With a separate authorization, the Corps provides support to the District of Columbia schools, which has resulted in a program that has made a substantial contribution toward improving the City's school infrastructure.

The Corps has an international program that is used by other agencies to support the objectives of the national security and military strategies. This program includes support to DOD and the Army, Foreign Military Sales, support to other agencies as the U.S. Agency for International Development, support to foreign governments and international organizations, implementation of treaties, and science and technology exchanges.

Since the events of September 11, the Corps has provided support to homeland security. The Corps has been asked to provide support with its protective design and electronic security expertise and its biohazard rapid response team. It has provided support to the U.S. Postal Service, New York City, the State Department and FEMA.



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# **Research and Development Center**

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**The USACE Research and Development mission is to provide quality, responsive engineering and environmental research and development support to the Army and the Nation. As part of the Corps of Engineers team, we develop and apply innovative science and technology solutions to support warfighter, infrastructure, environment, water resources, and disaster operations.**

## **The Engineer Research and Development Center (ERDC)**

The ERDC research, development, and support program was over \$540 million in FY01. The ERDC consists of over 1025 engineers and scientists and a total of 2000 employees working in seven laboratories at four sites. Over 530 of the technical staff have Master's Degrees and another 266 have Doctorate Degrees. The ERDC operates over \$1.2 billion of research equipment and facilities.

