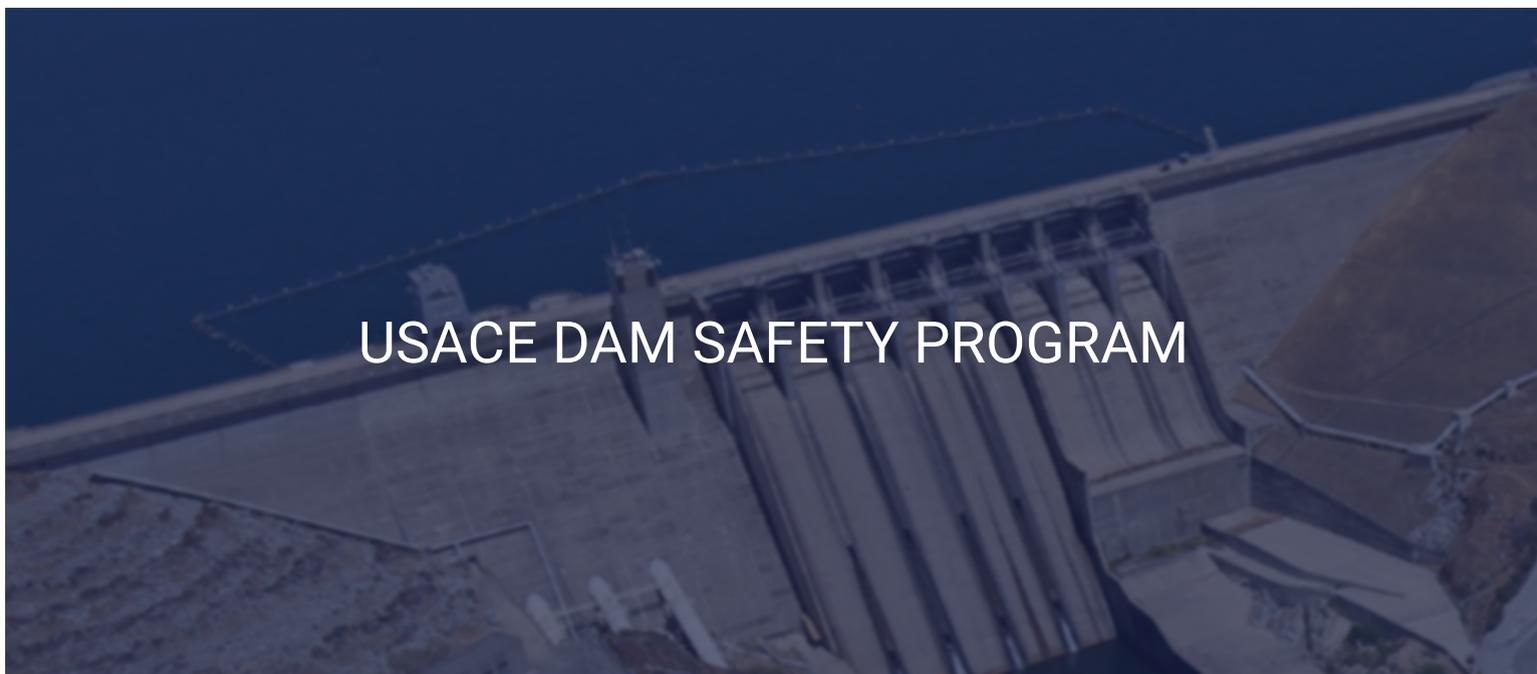




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# Dam Safety Program

## HQ USACE

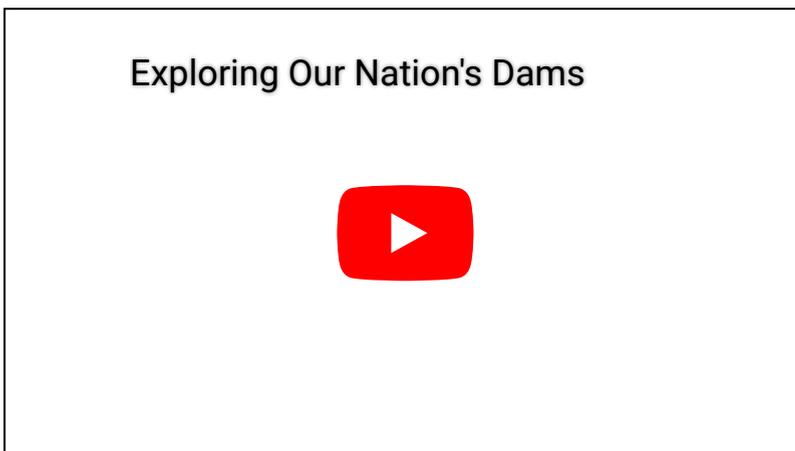
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The U.S. Army Corps of Engineers (USACE) operates and maintains approximately 740 dams and associated structures nationwide that provide significant, multiple benefits to the nation—its people, businesses, critical infrastructure and the environment. These benefits include flood risk management, navigation, water supply, hydropower, environmental stewardship, fish and wildlife conservation and recreation.



USACE's dams are part of our nation's landscape, integral to many communities and

## Useful Links

- [National Inventory of Dams](#)
- [Facts and Figures](#)
- [Bobber the Water Safety Dog](#)
- [Kids Learn about Dam Safety](#)
- [CorpsMap](#)
- [Video, Securing Our Nations Future Through Water ...](#)
- [Risk Management Center](#)
- [Media Queries](#)

## Latest News



## Program Activities

The U.S. Army Corps of Engineers' (USACE) Dam Safety Program uses risk to inform how it manages the approximately 740 dams it operates and maintains, with life safety the highest priority. This approach is a best practice adopted to evaluate, prioritize and justify dam safety decisions. Using risk information allows USACE to repair its dams in the most effective manner within a constrained budget.

There has been tremendous progress in the USACE Dam Safety Program over the past several years. The program has transitioned from testing new organizational policies, procedures, and organizational elements to operational and production mode, which includes major repair/rehabilitation. Many great ideas for different program elements have been put in place to include new comprehensive dam safety policy that fully embraces USACE's risk-informed approach, as well as the establishment of production centers and an assortment of new management tools.

Why does USACE have a Dam Safety Program? As a self-regulated dam owner, USACE strives to deliver all the great benefits to our society that the dams were built for, but also reduce flood risk to the downstream public to the best of our abilities. We also believe communication is important with everyone potentially affected by a dam so they can know and understand their risk. Local emergency management agencies and state dam safety officials are great sources of information about what to do in the event of an emergency, such as warning systems, evacuation plans, and emergency shelters. [FEMA's "Living with Dams"](#) is an excellent information source.

## Program Principles

1. Public safety is the primary focus.
2. Dam safety is a component of a broader flood risk management approach.
3. An effective safety program requires continuous and periodic project inspections and assessments.
4. The sustainable, systems and collaborative approach is the most effective way to manage and assess dams.



Dam safety information and risk communication must be accurate, timely and clear so individuals can understand risks to make informed decisions about their safety.

## National Inventory of Dams

The National Inventory of Dams (NID) is the central repository for information about dams in the U.S. and its territories that meet specific criteria. The congressionally authorized database shows the location of these dams and serves as a resource to support awareness and preparedness for a dam-related emergency. USACE is

**Inspectors find no damage at Martis Creek Dam after magnitude 5.8 quake** Dec. 13, 2024

**USACE performs dam inspections following 7.0-magnitude earthquake** Dec. 9, 2024

**Corps of Engineers will conduct surveys downstream of Baldhill Dam** Oct. 16, 2024 **UPDATED**

**Army Civil Works announces invitations to apply for dam safety loans; \$2 billion in potential federal financing for California** Sept. 13, 2024 **UPDATED**

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## Key Documents

[Collapse All](#) [Expand All](#)

- [+ Engineer Manuals - Technical Guidance and Standards](#)
- [+ Engineering and Construction Bulletins](#)
- [+ Engineer Research and Development Center Digital Repository](#)
- [+ Engineering Circulars](#)
- [+ Engineering Pamphlets](#)

dam regulating agencies to obtain accurate and complete information about dams in the database. More information is available in the [NID Overview fact sheet](#) and by



# Flood Inundation Maps for USACE Dams

Flood inundation maps show possible flooding near dams. USACE creates and shares flood inundation maps for its dams to promote awareness and planning and emergency response activities before a flood occurs. Consistent with [Engineer Regulation 1110-2-8165](#), USACE will publicly share flood inundation maps for its dams. These maps are viewable within the NID. More information is available in the Dams and Flood Inundation Maps fact sheet and by visiting <https://nid.sec.usace.army.mil/>.



- [Engineering Regulations](#)
- [Engineer Technical Letters](#)
- [Best Practices](#)
- [Other Documents](#)
- [Unified Facilities Criteria](#)

## Partners

- [Association of Engineering Geologists](#)
- [Association of State Dam Safety Officials](#)
- [Bureau of Reclamation](#)
- [Federal Emergency Management Agency](#)
- [Federal Energy Regulatory Commission](#)
- [Tennessee Valley Authority](#)
- [U.S. Society of Dams](#)

### Our Mission

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

### About the U.S. Army Corps of Engineers Headquarters Website

This is the official public website of the Headquarters U.S. Army Corps of Engineers. For website corrections, write to [hqwebmaster@usace.army.mil](mailto:hqwebmaster@usace.army.mil).



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