



Dams Sector Security Forum Region 1



OVERVIEW

Dams, levees, and related facilities are a vital part of the nation's infrastructure, providing a wide range of economic, environmental, and social benefits. Those benefits include hydroelectric power, river navigation, water supply, wildlife habitats, waste management, flood control, and recreation. The safe and secure operations of the Dams Sector is of national interest due to these benefits and the magnitude of potential consequences of failure, damage, or disruption of critical assets.

The Dams Sector Security Forum is a one-day session hosted by the Cybersecurity and Infrastructure Security Agency (CISA) as the federal lead responsible for the execution of the Sector Risk Management Agency roles and responsibilities. The forum includes several learning modules to include an Introduction to Security and Protection of Dams and Levees, an overview of the Consequence-Based Top Screen (CTS) Methodology and web-application tool, overview of CISA's Regional Services, and a security focused scenario conducted as a group activity. The forum is designed to provide information about the basics of security and resilience planning in the sector and highlight available resources. Throughout the forum, CISA will highlight fundamental aspects of security and protection for Dams Sector facilities, including risk assessments, physical and cyber threats, consequences, security considerations and protective measures, and crisis management.

The Region 1 Dams Sector Security Forum will be held on August 7, 2024 in Portsmouth, New Hampshire.

Registered attendees will receive logistics information following acceptance of their registration. While the forum is offered at no cost, transportation and all expenses to participate in this forum are the responsibility of the participant.

This fact sheet provides an overview of the Security Forum modules, intended audience, and registration details.

MODULE 1: INTRODUCTION TO SECURITY AND PROTECTION OF DAMS AND LEVEES

The Introduction to Security and Protection of Dams and Levees module is designed to provide information on the fundamental aspects of security and protection for dams, levees, and related facilities. At the conclusion of this module, participants will be able to:

- Define the components of risk
- Highlight the potential physical and cyber threats to the Dams Sector
- Highlight security considerations, including security programs and protective measures
- Understand the primary components of crisis management, including plans and exercises

MODULE 2: INTRODUCTION TO THE CONSEQUENCE-BASED TOP SCREEN (CTS) METHODOLOGY AND TOOL

The CTS Methodology allows for the identification of critical, high-consequence facilities within a given portfolio whose failure or disruption are associated with the highest possible impacts when compared to other facilities within the portfolio. By focusing on potential consequences and separating the analysis from the threat and vulnerability components of the risk analysis process, the CTS methodology and web-based tool allow the user to prioritize facilities, regardless of the hazard, to inform and support decisions regarding additional analysis and detailed studies.

At the conclusion of this module, participants will understand how to:

- Define the Worst Reasonable Case Scenario
- Assemble Relevant Information
- Complete the Consequence-Based Top Screen
- Generate Relative Prioritization

MODULE 3: INTRODUCTION TO CISA REGIONAL SERVICES

CISA Region 1 offers an array of no cost resources and tools, such as technical assistance, exercises, cybersecurity assessments, no cost trainings, and more. CISA's services are carried out across the nation by personnel assigned to its 10 regional offices. This module will provide an introduction to the Region 1 security advisors, who can deliver a variety of risk management and support services that assess risk level and increase a stakeholder's resilience.

Topics included in this module include the following:

- **Physical Security** – Assist Visits, Security Assessment at First Entry (SAFE), Infrastructure Survey Tool (IST), Infrastructure Visualization Platform (IVP), and Regional Resiliency Assessment Program (RRAP)
- **Cybersecurity** – Cyber Hygiene Services, Cybersecurity Performance Goal (CPG) Assessment, and Known Exploited Vulnerabilities Catalog (KEVs)
- **Resources** – A comprehensive list of all services, tools, and publication from CISA is available on our resources webpage at cisa.gov/resources-tools

MODULE 4: SECURITY SCENARIO GROUP ACTIVITY

The group activity module is intended to help participants to apply lessons learned from the previous modules to a hypothetical security scenario at a dam facility. During this module, participants will organize into small groups to review a scenario pertaining to a security topic at a hypothetical dam facility analogous to dams found in the region. Each group will discuss the scenario and answer a series of questions to identify security threats, facility vulnerabilities, consequences of an attack, and potential protective measures to mitigate the vulnerabilities and lessen the consequences. Each group will then report out their answers to the questions, to further support peer-to-peer learning.

TARGET AUDIENCE

The Dams Sector Security Forum is designed for dam owners and operators; professional staff of dam safety and dam security programs; emergency managers at the federal, state, local, tribal, and territorial levels; and other safety, security, and incident management personnel with roles and responsibilities relevant to dams and related infrastructure.

REGISTRATION

The Dams Sector Security Forum – Region 1 will be held at the New Hampshire Department of Environmental Services, in Portsmouth, New Hampshire on August 7, 2024. To register, please complete our registration form by July 31 at forms.office.com/g/9wicLBf3k6.

For more information, contact the Dams Sector Management Team at DamsSector@cisa.dhs.gov.