



# Exemplar Pilot Program

## Training Announcement for Private Sector Entities

### ***Training Area: Multi-Hazard Mitigation and Infrastructure Investment***

#### **Description:**

The U.S. Department of Homeland Security (DHS) through the Exemplar Pilot Program seeks to send one or more DHS employees from its National Protection and Programs Directorate (NPPD) to a for-profit private sector company for training purposes. The DHS employee will receive technical knowledge of a company's approach to developing and executing multi-hazard mitigation projects and infrastructure investment studies. This effort is aimed at enhancing the skills and expanding the knowledge of DHS employees in the science, technology, engineering, and mathematics (STEM) fields.

#### **Eligibility Requirements:**

Private sector entities interested in serving as an Exemplar training host must:

- Be a U.S. based for-profit company.
- Be in good standing with the Federal government.
- Submit a letter of interest with details on the type of training that will be offered to the DHS employee (s) based on the desired learning objectives below. Successful companies will be evaluated on training offerings, structure, and location.
- Undergo and successfully complete a background investigation for suitability to participate in Exemplar.

#### **Length:**

The position is a six-month assignment with the option for a six-month renewal. During this time, the DHS employee (s) will embed with a private sector entity for training purposes.

#### **Training Schedule:**

The DHS employee (s) will train via temporary assignment, as defined in Title 5, United States Code (U.S.C.), Section 41, "Government Employees Training Act of 1958." The training schedule is full-time, with the option of part-time or intermittent.

#### **Location:**

Continental United States

## **Multi-Hazard Mitigation and Infrastructure Investment Desired Learning Objectives (Management or Operational):**

### **A. Management Objectives**

1. Understand company's best practices and advanced technologies utilized for management, execution, and operation of complex infrastructure mitigation, rehabilitation, and development projects.
2. Understand the company's strategy to incorporate emerging technologies across multiple fields such as civil, environmental, transportation and water resources engineering; information technology and communications; economic and financial analysis; etc.
3. Familiarize DHS employee with the span of leadership styles and challenges in the company through direct exposure with senior leaders and other levels of leadership.
4. Familiarize DHS employee with the company's project management lifecycle from planning, implementation, monitoring, and evaluation, including quality controls.
5. Understand approaches to effectively navigate permitting and regulatory processes associated with large infrastructure mitigation, rehabilitation, and development projects.

### **B. Operational Objectives**

1. Familiarize the DHS employee with the most current approaches and best practices for multi-hazard assessment of existing infrastructure, including screening, visual inspection, check lists, and field techniques; and multi-hazard vulnerability reduction, to include the use of advanced materials and implementation of redundant systems.
2. Understand the procedures used to estimate exposure to natural hazards based on historical information and how this information is integrated into building codes, rehabilitation projects, and infrastructure development.
3. Understand how lack of structural and operational resilience can have severe consequences on the performance of buildings and other structures exposed to extreme events.
4. Understand how the use of modern building code concepts could play a significant role in potentially reducing costs, downtime, and casualties associated with future natural disasters; and techniques used to assess the impacts of potential projects on communities, workforce, and regional economic benefits.
5. Learn the requirements, limitations, advantages, and disadvantages of the various methods typically used to prioritize post-disaster infrastructure rehabilitation and development investments.
6. Understand basic concepts associated with infrastructure planning, feasibility studies, rate analysis, environmental assessments, economic assessments, cost-benefit analyses, and public benefit studies; and best practices related to contracting and identification of financing options for large infrastructure mitigation, rehabilitation, and development projects.

## **Additional Information**

DHS GS-11 and above employees:

- Remain in their official position of record at DHS while on detail to private sector entities.
- Will continue to receive their current DHS salary and benefits while on detail to the private sector entity.
- Are required to return to DHS and serve three times the length of the Exemplar detail.
- Must receive approval for DHS-sponsored and non DHS-sponsored travel from supervisor prior to traveling.
- May be asked to sign a limited Non-Disclosure Agreement by the private sector entity.

## **Prohibition Against Charging Certain Costs to the Federal Government**

A private sector organization may not charge DHS or any other agency of the Federal Government indirect or direct costs incurred while participating in Exemplar. The private sector entity will not be compensated for providing this training opportunity.

Please visit [www.dhs.gov/exemplar](http://www.dhs.gov/exemplar) for more information on Exemplar.

## **Submission Requirements and How to Apply:**

To submit an application to serve as an Exemplar Pilot Program training host, please e-mail:

- Company background information;
- Detailed training offerings based on desired learning objectives (no more than three paragraphs), to include anticipated engagements and travel;
- Dun & Bradstreet number; and
- Contact information with “**Exemplar-Hazard Mitigation**” in the subject line to [exemplar@hq.dhs.gov](mailto:exemplar@hq.dhs.gov).

## **Submission Deadline:**

Open until filled.

## **Whom to Contact for Additional Information:**

Karinda L. Washington at [Karinda.Washington@hq.dhs.gov](mailto:Karinda.Washington@hq.dhs.gov)

## **Authorities:**

Title 5, United States Code (U.S.C.), Section 41, “Government Employees Training Act of 1958”

DHS Exemplar Directive, 258-04, dated 03/08/2016

DHS Exemplar Implementation Plan, June 2016