

Risk Management Center Training DLS-108

Consequences Training: Estimating Loss of Life from Flooding



US Army Corps
of Engineers®
Dam and Levee
Safety Programs

Course Overview

Explore state-of-the-art methods for estimating the consequences of flooding, with a focus on potential loss of life. Participants will gain a thorough understanding of what causes loss of life during a flood event, how to estimate the potential loss of life, and how to build the case to support those estimates.

DLS-108 is the prerequisite course for DLS-203, LifeSim Workshop. You must successfully complete DLS-108 to be eligible to take DLS-203.

Learning Objectives

By the end of the training, participants will have the expertise needed to estimate the potential loss of life for a given flood scenario and build the case to support those estimates. In addition, participants will be able to:

- Identify the driving factors that led to loss of life, or lack thereof, for a series of historic flood events
- Define the role of consequences in understanding risk
- Distinguish the essential elements that must be described when estimating potential loss of life from flooding
- Identify common methods for assessing each of the essential elements that inform a life loss estimate
- Examine common tools for estimating loss of life from flooding, including an overview of LifeSim
- Outline how to build the case for a life loss estimate
- Summarize a brief overview of how to estimate direct and indirect economic damage

FEATURES

- Training with USACE experts
- Real-world case studies with practical applications
- Hands-on practice with flood damage computation methodologies and techniques

Target Audience

The target audience for this training is individuals supporting risk-informed decision-making for dam and levee safety efforts. However, the subject matter is appropriate for anyone who needs to estimate the consequences of flooding.

Format

This is a three-day, in-person training course. It will consist of presentations by USACE instructors, workshops, and interactive sessions.

Contact & Registration



Lead Instructor

Jason Needham, P.E.



Prerequisites

None



Level

Fundamental (100 series)
Courses at this level focus on defining a basic survey of concepts and content. Fundamental courses are considered introductory and do not require prerequisites.



Professional Development Hours (PDH)

Up to 19 PDHs



Course Credit and Certificates

To earn the fully allotted amount of PDHs, you must attend the entire course, demonstrate active participation, and complete the course evaluation. Partial PDHs may be earned for partial course attendance. The Course Completion Certification is awarded based on successfully meeting all course requirements and passing the final assessment.



Registration & More Information

Registration is subject to the availability of seating and is not guaranteed.
www.rmc.usace.army.mil/training



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