



OREGON DEPARTMENT OF EMERGENCY MANAGEMENT

L0102: Fundamentals of Threats and Hazards

Date(s): November 17-19, 2025

Time: 8:00 – 5:00 PST

Location: Oregon Department of Emergency
Management,

3930 Fairview Industrial Dr SE, Salem, OR 97302

Course Description:

This course provides participants with an overview of how scientific principles can be used before, during, and after a disaster; including a basic understanding of scientific terminology as it applies to Emergency Management. The contents of the course include the following:

- Overview of scientific principles and the relationship between science and disasters
- Overview of climatological principles and weather-based threats and hazards
- Overview of earth science principles and geologic threats and hazards
- Overview of chemical and biological science and the scientific basis of those threats
- Overview of explosive, radiological, and nuclear science and the scientific basis of those threats

Course Objectives

- Indicate how earth science principles and processes influence natural hazards
- Indicate how climatological principles and processes influence natural hazards
- Indicate how chemical and biological principles and processes influence natural and human-caused hazards and impact society
- Indicate the scientific basis for explosive, radiological, and nuclear hazards and their impact on society
- Indicate how scientific understanding can improve emergency preparedness

Prerequisites

- [IS-100: Introduction to the Incident Command System, ICS 100](#)
- [IS-200: Basic Incident Command System for Initial Response, ICS-200](#)
- [IS-700: An Introduction to the National Incident Management System](#)
- [IS-800: National Response Framework \(NRF\), An Introduction](#)
- [FEMA Professional Development Series](#)

Click Here to Register: <https://www.eventbrite.com/e/1677756537969>

Attendance:

Per FEMA standards, no more than 10% absenteeism is allowed to receive a certificate of completion.

Accessibility Requests and Questions:

If you have any questions, or to request any reasonable accommodations that will facilitate your full participation in this training, please contact the OEM Training Program (oem.training@oem.oregon.gov). Please reach out at least two weeks in advance to request any accommodations.