

## Course Details

<b><i>Flooding Hazards: Science and Preparedness</i></b>		<b>AWR-362</b>
<b>Training Provider:</b> University of Hawaii, National Disaster Preparedness Training Center	<b>Course Level:</b> Awareness	
<b>Delivery Type(s):</b> Mobile/Non-Resident, Virtual	<b>Duration (in Hours):</b> 8.0	
<b>Continuing Education Units:</b> General: 0.6	<b>Duration (in Days):</b> 1.0	

### **Course Description:**

Flooding Hazards: Science and Preparedness is an awareness-level, eight-hour course that addresses the current science of the causes of floods (both meteorological and otherwise), flood forecasting, flood risk assessment, and best practices for preparation and mitigation for both short- and long-fuse flooding events. Modules include instruction on FEMA flood risk maps and the National Flood Insurance Program, how to read and interpret forecasts, watches, and warnings from the National Weather Service, and proper preparation for sudden flooding and long-fuse flooding. Key concepts and discussion topics will be reinforced with facilitator-lead group activities that utilize real world flood scenarios.

### **Course Objectives:**

At the end of this course, participants will be able to:

Differentiate between different types of flooding hazards based on the meteorological and hydrological conditions;

Access and interpret FEMA flood risk maps for their area;

Identify organizations involved in forecasting and monitoring flooding, and understand their products; and

Describe dissemination methods for public warnings.

### **Other Prerequisites:**

No prerequisites for this course.

### **Primary Core Capability:**

Public Information and Warning

### **Secondary Core Capability(s):**

- Planning
- Risk and Disaster Resilience Assessment
- Threats and Hazard Identification

### **Mission Area(s):**

- Mitigation

**Discipline(s):**

- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Law Enforcement
- Public Health
- Public Works

**Training Certificates:**

University of Hawaii, National Disaster Preparedness Training Center Certificate of Completion

**Course POC:**

Registration Desk

POC Work Phone: 808-725-5220

POC Work Email: [ndptc-training@lists.hawaii.edu](mailto:ndptc-training@lists.hawaii.edu)

POC Information: <https://ndptc.hawaii.edu/training/>

**Course Link:** <https://ndptc.hawaii.edu/training/catalog/44/#course-description>

**Course Active?:** Yes