This international course was developed by the UNESCO/IOC - NOAA ITIC, SeismicReady Consulting, and the NOAA Pacific Environmental Laboratory, with funding assistance and cooperation from the US DHS/FEMA National Disaster Preparedness Training Center of the University of Hawaii.

**COURSE OBJECTIVES**

- Explain differences between local and distant tsunamis
- Discuss what scientists learn from historic records and the importance of indigenous knowledge in tsunami preparedness
- Learn the purpose, scope, and goals of tsunami modeling
- Describe tsunami warning information and how tsunami warning centers work
- Describe the warning process and how it reaches “the last mile on the coast”
- Describe types of tsunami messages
- Link tsunami hazard assessment tools and methodology and warning processes to preparedness and mitigation options
- Evaluate need for vertical evacuation. Discuss considerations for land use planning.
- Discuss techniques for outreach and education to increase public reaction to warnings
- Summarize the End-to-End Tsunami Warning System
- Use warning center messages in a scenario to identify community response actions

**MODULES**

- Science and Hazard Assessment
- Tsunami Warning and Response
- Preparedness and Mitigation
- End-to-End Tsunami Warning

Min/Max Enrollment: 25-30  
Length: 6 hours  
Prerequisites: None

**TARGET AUDIENCE**

- Tsunami Warning Centers  
- Disaster Management Offices  
- First Responders  
- Law enforcement  
- Emergency medical services  
- Hazardous materials personnel  
- Coastal zone managers  
- Planners/Developers  
- Public utilities  
- Public health  
- Non-government organizations

The International Tsunami Information Center  
A UNESCO/IOC - NOAA Partnership  
737 Bishop Street, Suite 2200  
Honolulu, Hawaii 96813-3213  USA  
Tel: <1> (808) 532-6422  Fax: <1> (808) 532-5576  
E-mail: itic.tsunami@unesco.org  
Website: http://www.tsunamiwave.info

This international course was developed by the UNESCO/IOC - NOAA ITIC, SeismicReady Consulting, and the NOAA Pacific Environmental Laboratory, with funding assistance and cooperation from the US DHS/FEMA National Disaster Preparedness Training Center of the University of Hawaii.