

# 4

## IA 4 – Tsunami

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IA 4 Tasked Agencies	
<b>Primary Agencies</b>	Oregon Emergency Management
<b>Supporting Agencies</b>	Department of Geology and Mineral Industries Oregon Department of Transportation Building Codes Division Water Resources Department Oregon Health Division Oregon Military Department Department of Administrative Services Department of Environmental Quality
<b>Adjunct Agencies</b>	American Red Cross Salvation Army Civil Air Patrol Oregon Voluntary Organizations Active in Disaster

## 1 Purpose

- The purpose of this annex is to provide a framework for the coordination of state resources to help ensure the safety of life and property following a catastrophic tsunami.
- This annex identifies the major response and recovery activities undertaken by the listed state and adjunct agencies in response to a tsunami.
- More specific information on tsunamis as a hazard in Oregon can be found in the Natural Hazards Mitigation Plan located at:
- [http://opdr.uoregon.edu/sites/opdr.uoregon.edu/files/OR-SNHMP\\_tsunami\\_chapter\\_2009\\_0.pdf](http://opdr.uoregon.edu/sites/opdr.uoregon.edu/files/OR-SNHMP_tsunami_chapter_2009_0.pdf)

## 2 Policies

- Activation
  - Procedures in this annex will be implemented as outlined in the Oregon Emergency Operations Plan, Basic Plan.
  - Procedures in this annex may be automatically implemented under the following conditions:
    - ≡ When determined necessary by OEM and/or the Department of Geology and Mineral Industries (DOGAMI); or

≡ When the coastal regions of Oregon experience a tsunami which threatens life or property.

- This annex identifies the major response and recovery activities undertaken by state and adjunct agencies in response to a catastrophic earthquake.

### 3 Situation and Assumptions

#### 3.1 Planning Assumptions

- This plan assumes a tsunami follows an event, such as an earthquake or a landslide, significant enough to generate this event.
- The severity of tsunamis is dependent upon several factors, including magnitude and type of the earthquake predeceasing the tsunami; slope conditions and other factors.
- The coastal regions of Oregon are considered high-risk for tsunamis, especially following landslides or significant earthquakes.
- The two Oregon coastal counties at the greatest risk are Tillamook and Clatsop.
- Flooding will occur in coastal communities following a tsunami.
- Tsunamis occur with little or no warning.
- Tsunamis are infrequent, but high impact events that can cause a considerable number of fatalities, injuries and damage to property.
- Public utilities and private infrastructure (such as power, water, sewer, natural gas networks, phone lines and towers) may be damaged and unusable immediately following a tsunami.
- Roads, bridges and highways may become impassible following a significant tsunami.
- The coastal citizens of Oregon may be without food, water, shelter, heat, sanitary facilities and transportation for extended periods of time following a tsunami.
- Evacuation of coastal communities should occur immediately following an earthquake to mitigate the loss of life or injuries as a result of a potential subsequent tsunami.
- Oregon communities that are not directly impacted by a tsunami may become overwhelmed by influx of displaced citizens who need

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alternate housing or shelter because of damaged or untenable coastal communities.

- Crime may increase as a result of communities being vacant following a tsunami.
- Public safety agencies may suffer losses (including personnel), causing a shortage of resources to assist with response and recovery efforts following a tsunami.

## **4 Concept of Operations**

- In accordance with the Emergency Operations Plan for the State of Oregon, the Emergency Coordination Center (ECC) will likely be fully activated.
- Local officials will respond immediately following a tsunami.
- Tasking priorities for state resources will be determined in conjunction with local officials and approved by the State ECC.
- Oregon Emergency Management will have the lead on coordination of resources requested from local officials.
- Requested equipment, materials, supplies and personnel will be secured through State resources and/or mutual aid agreements, or purchasing.
- State supporting agencies will respond to the ECC as required to provide response and recovery resources to local governments upon assignment from the ECC Operations Officer.

## **5 Roles and Responsibilities**

### **5.1 Primary Agency: Oregon Emergency Management**

- Activation and setup of the ECC in accordance with the state Emergency Operations Plan (EOP);
- Determine the nature and scope of the disaster/emergency and provide ongoing assessment of identifiable resources needed;
- Establish and maintain contact with State Support and Adjunct agencies;
- Establish and maintain contact with county emergency managers or other local officials;

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- Coordinate an integrated State effort to provide assistance to the affected area(s);
- Provide situation reports to the Governor’s Advisory Council or designated representatives;
- Present coordinated and accurate information to the public via the State’s Public Information Officer (PIO);
- Serve as liaison between County and State; and State and the Federal Emergency Management Agency (FEMA).

## 5.2 Supporting Agencies

- Oregon Department of Geology and Mineral Industries (DOGAMI)
- Oregon Department of Transportation (ODOT)
- Building Codes Division
- Water Resources Division (WRD)
- Department of Human Services / Public Health (DHS)
- Oregon Military Department (OMD)
- Department of Administrative Services (DAS)
- Department of Environmental Quality (DEQ)

## 5.3 Adjunct Agencies

- American Red Cross (ARC)
- The Salvation Army
- Civil Air Patrol
- Oregon Voluntary Organizations Active in Disaster (ORVOAD)

**NOTE:** Responsibility details for State agencies can be found in the Roles & Responsibilities (ESF) section of the State of Oregon Emergency Operations Plan (EOP). Additionally, details for state response are outlined in the EOP.

## 6 Hazard Specific Information – Tsunami

[TO BE DEVELOPED]

## 7 Supporting Documents

None at this time.

## 8 Appendices

None at this time.

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