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IA 4 – Tsunami

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IA 4 Tasked Agencies	
Primary Agencies	Oregon Emergency Management
Supporting Agencies	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
Adjunct Agencies	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://www.oregonshowcase.org/index.cfm?mode=stateplan&page=part3>

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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