

California Tsunami Preparedness & Mitigation Program

2015 Activities & Accomplishments

Overall Tsunami Preparedness Activities Including Tsunami Preparedness Week (TPW), observed March 22-28, 2015. The following is a selection of activities:

- Over 100 meetings, presentations, and workshops with state, local, and federal partners
- Supported TsunamiReady-related activities with education/outreach/sign purchasing
- Development, promotion, & registration of activities at www.TsunamiZone.org
- Tsunami Warning Communications Test (Eureka NWS WFO AOR) during TPW
- Required Monthly Test (Monterey, Oxnard, & San Diego NWS WFO areas of responsibility) during TPW
- Community support for PACIFEX15 for exercises via NTWC
- Gubernatorial TPW Proclamation
- State support of local activities on and around TPW
 - County Boards of Supervisors' Proclamations
 - Tsunami Walk/Run public evacuation drills
 - Test activation of sirens, TV messaging, coastal airplane flights
 - Workshops, presentations, and media events

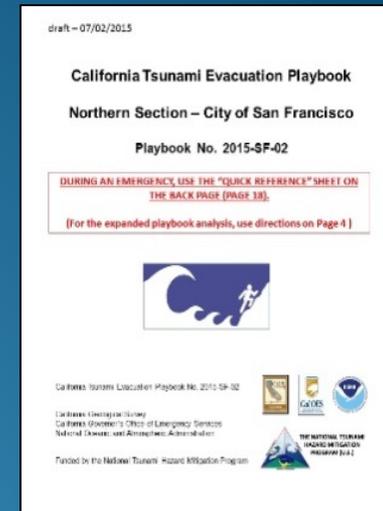


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2015 Activities & Accomplishments

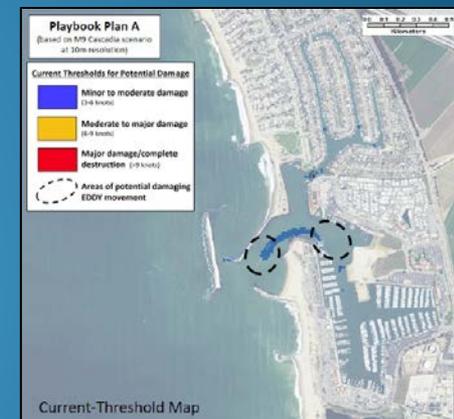
California Tsunami Evacuation Playbooks

- Completed draft evacuation Playbook FAQs
- Held first statewide communication test for Playbooks and FASTER approach
- Supported multiple county exercises for Playbooks/FASTER approach
- Completed draft Playbooks for Del Norte, Los Angeles, San Francisco, and Alameda counties
- Worked with NWS-WFO Monterey/NTWC to compute FASTER in real-time
- Continued support for field observation and response teams; use of Playbooks and response during Sept. 2015 tsunami



Maritime Tsunami Response and Mitigation Planning

- Completed Maritime Response Playbooks for ALL 70+ at-risk harbors and ports in California; use of Playbook during Sept. 2015 tsunami
- Helped organize and took part in national current model validation workshop and made changes to Playbook maps
- Completed first FAQs for Maritime Playbooks
- Held maritime workshops and meetings in half dozen harbors/ports



California Tsunami Preparedness & Mitigation Program 2015 Activities & Accomplishments

New Inundation maps

- Completed for previously unmapped portions of Sonoma and Mendocino Counties

Probabilistic Tsunami Hazard Analysis (PTHA) maps (on-going work but unfunded in FY15 NTHMP proposal)

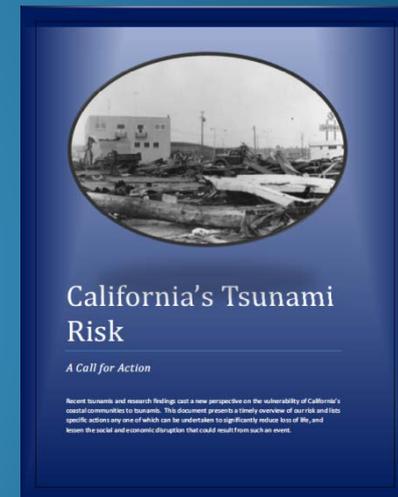
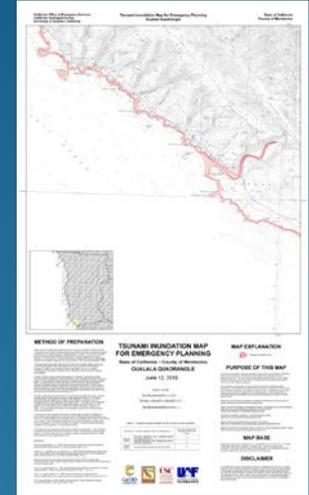
- Conducted field work and review to finalize maps for San Diego, Orange, Los Angeles, Ventura, Humboldt, Del Norte counties

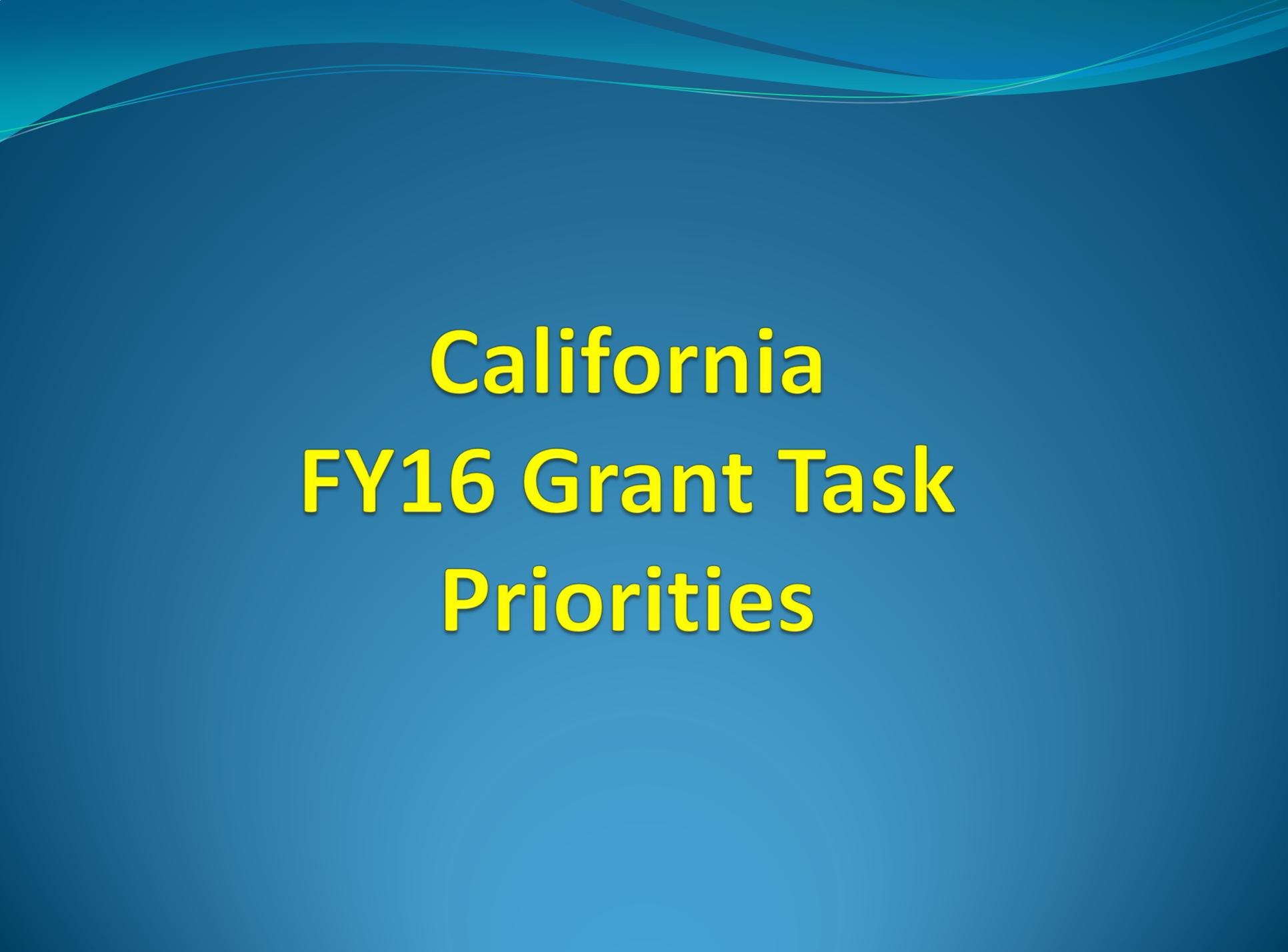
Policy, Land-Use, and Recovery Group

- Initiated follow up on 46 policy recommendations stemming from 2013 California Tsunami Policy Work Group project and report, including start of land-use and recovery guidance

Notable Multi-State/NTHMP/NOAA Collaborations

- Took lead and worked with other states on TsunamiZone.com, current benchmark workshop, and national maritime guidance
- Provided assistance to Oregon on maritime planning, and Hawaii and Virgin Islands on Playbooks, to help product consistency





**California
FY16 Grant Task
Priorities**

California FY16 Priorities

- 1: **Tsunami Preparedness:** Steering Committee; Vulnerability Assessment, Evacuation Analysis, Tsunami Preparedness Week, Field Observer and Response Teams; Ongoing support of TsunamiZone.org website
- 2: **Inundation and Evacuation Zone Improvements:** Review, evaluate, and update 2009 maps for consistency as basis for evacuation planning
- 3: **Tsunami Evacuation Response Playbooks:** Complete development in 20 Counties; Incorporation into ER Plans, Test/Exercise, Digital Implementation; On-going work with Hawaii, Virgin Islands, and others
- 4: **TsunamiReady®:** Signs Purchase, Provide Implementation Plans, Support Regional Groups; Initiate potential Tier II TR
- 5: **Maritime Modeling and Mapping for Planning and Preparedness:** Develop in 70+ Ports/Harbors; Offshore safe evacuation; State and Federal Guidance; Ongoing work with Hawaii, Virgin Islands, and others
- 6: **Real-Time Tsunami Observation Web-Camera Network:** Essentially “eyes on the coast” enabling Pacific-wide remote situational awareness and decision support tool for multiple states/territories

FY14 and FY15 priorities

- 1: **Tsunami Preparedness:** Steering Committee, Vulnerability Assessments, Evacuation Analyses, Tsunami Preparedness Week; Ongoing support of TsunamiZone.org website
- 2: **Tsunami Evacuation Response Playbooks:** Development in 20 Counties; Incorporation into ER Plans, Test/Exercise, Digital Implementation, Field Observers and Response Teams; Work with Hawaii and Virgin Islands
- 3: **TsunamiReady®:** Signs Purchase, Provide Implementation Plans, Support Regional Groups, Education/Outreach Presentations and Workshops
- 4: **Probabilistic Modeling for Consistent Inundation Mapping (unsupported in FY15):** Map Development in 20 Counties; Support Risk assessment for land-use planning and building code establishment
- 5: **Maritime Modeling and Mapping for Planning and Preparedness:** Develop in 70+ Ports/Harbors; Offshore safe evacuation; State and National Guidance; Work with Hawaii and Virgin Islands
- 6: **Tsunami Vertical Evacuation Evaluation**
Evaluate alternatives for vertical safe haven for north coast community