



OREGON SEISMIC SAFETY POLICY ADVISORY COMMISSION (OSSPAC)

Tuesday, September 12, 2023

MEETING AGENDA

IN-PERSON

State of Oregon Treasury, 867 Hawthorne Ave SE, Salem, OR 97301

VIRTUAL

<https://us02web.zoom.us/j/89539117040?pwd=b0svZDVjL2RYeHBaZkFnUUxHdVh4UT09>

Meeting ID: 895 3911 7040 | Passcode: 997027

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- 9:00 1. Administrative Matters
- a. Welcome
 - b. Roll Call & Introductions
 - c. Review and Approval of July Minutes
 - d. Events Notification
 - e. New Business
 - f. November & January OSSPAC Meetings
- 9:15 2. Reports
- a. State Agencies
 - i. ODOT
 - ii. DLCD
 - iii. ODEM
 - iv. DOGAMI
 - v. DCBS
 - vi. DEQ
 - vii. Legislative Assembly
 - viii. State Resilience Officer
- 9:40 3. Public Comment
- 9:45 4. National Tsunami Hazard Mitigation Program (NTHMP) letter of support
- 10:15 5. Commission Development & Annual Goalsetting
- 10:30 6. BREAK
- 10:40 7. Commission Membership Updates & Discussion
- Public Member
 - Engineering Stakeholder
 - Building Owner
 - Insurance Stakeholder
 - Utilities Stakeholder
- 10:50 8. Oregon Resilience Plan 10-Year Review Project
- 11:20 9. Election of 2023 Officers – November Meeting
- Adjourn



OREGON SEISMIC SAFETY POLICY ADVISORY COMMISSION (OSSPAC)

Minutes

July 11, 2023

OSSPAC Members Present:

Tiffany Brown, Chair
Matt Crall
Christina LeClerc
Althea Rizzo
Jonathan Allan
Sen. Dick Anderson
Lesley Ogden
Natasha Fox
Allison Pynch
Elizabeth Safran
Carolina Gomez

Local Government Stakeholder
Department of Land Conservation and Development
State agency: ODOT
State agency: OEM
DOGAMI
Legislative Rep
First Responder Stakeholder
Schools Stakeholder
Public Member
Public Member
Multifamily Housing Stakeholder

OSSPAC Members Absent:

Todd Smith
David Gomberg
Joe Karney

State Building Codes
Representative Legislative Assembly
Utilities Stakeholder

Others in Attendance:

Debra Wixom
James Bela
Lalo Guerrero
Don Pettit
Trisha Patterson
Svetlana Lazarev
Jonna Papaefthimiou
Rhiannon Bezore

OEM
Citizen
DOGAMI
ODEQ
DLCD
DEQ
SRO
DLCD

1. Administrative Matters

Brown opened the meeting, made introductions and roll call was taken. Safran made and Rizzo seconded a motion to approve the May minutes, and the motion passed.

Events Notification



Tiffany Brown: Preparedness Month will be September and her county, along with many others, will be hosting a readiness event

Althea Rizzo: The Great Oregon Shake Out is on October 19th at 10:19am

New Business: None.

Next Meeting. The September 12th meeting will be held in the New Treasury Building, Hawthorne Avenue in Salem.

2. Reports

ODOT. No report

DLCD. There is continuation of the statewide risk assessment upgrade and will continue to update as more progression is made.

ODEM. Rizzo advised that the agency is still waiting for their budget to be signed and will bring several new positions to OEM, mostly in Mitigation and Recovery sections.

They are also working on the NWS Hazard simplification project, which proposes to do away with the Tsunami Advisory. Rizzo said she was in the process of pulling data together to show what impact this change would have on the communities.

They also continue to work with groups on the Shake Alert.

DOGAMI. Allan said that the agency is scheduled to release Curry County Earthquake and Tsunami Hazard study by the end of July. The purpose is to evaluate the impacts of a 9.0 earthquake along the Curry County Coastline.

In early August they will be hosting the National Tsunami Hazard Mitigation Program in Portland and visiting Clatsop County one of the days of the conference.

The American Society of Civil Engineers began meeting about 1 month ago. The purpose of these meetings is to evaluate any potential updates to design guidance for building vertical evacuation structures or critical facilities in the tsunami zone.

DCBS. Member not present

DEQ. Kortenhoff reported on the seismic stability and rulemaking for the CEI Hub, which is a result of SB 1767, to say that work is continuing on schedule. The proposed rules were announced for public comment on May 30th and 3 hearings were held in June. The public comment period closes July 12th. He hopes the final rule will be published in early September.

Legislative Assembly: No Report

State Resilience Officer: Jonna Papaefthimiou introduced herself as the new State Resilience Officer. She comes from the City of Portland where for 2 years she has been a policy advisor in the Mayor's office and then 10 years at the Portland Bureau of Emergency Management where she had many different roles.



3. Public Comment None.

4. Commission Membership Updates & Discussion.

OSSPAC Outstanding Vacancies: All Applicants can apply through Workday

- Public Member: There are no applicants at this point.
- Structural Engineer: When Nagele left this position, he left us a list of 5 names of potential candidates that Brown invited them to apply.
- Building Owner Stakeholder: The SRO suggested reaching out to the Owners and Managers Association for Oregon or Restore Oregon.
- Banking Stakeholder: This is currently the longest standing vacant position.
 - Rizzo suggests finding someone in Insurance as there has also been a lot of talk in past meetings on this topic, and Brown said she would look into it.

5. Election of the New Vice-Chair:

Nagele's term expiration left a vacancy for Vice-Chair. Brown made a motion to nominate **Liz Safran** for the Vice-Chair. Natasha Fox Second the motion and agreed on by the council.

6. Oregon Resilience Plan 10-Year Anniversary Discussion & Work Group.

Brown shared an overview of the project. She introduced the project team structure which mirrors the original project consisting of an Advisory Panel, Steering Committee, and Work Groups. She also introduced a basic proposed outline which includes the original chapters of the ORP and an additional chapter called "Community Resilience". Papaefthimiou said she supported a report to highlight and look at success and progress when doing this is very important and pulling analysis. Rizzo said there was a small amount of grant funding that could help with the project and offered to gather more information. Safran asked if there were any contributors on the outside that would help with summaries, and Brown said yes, they would rely on a breadth of external stakeholders for data collection as well as analysis across both the Advisory Panel and Work Groups.

Work Group Interested Parties: Tiffany will be sending out an email with a doodle poll to find a meeting time and asked which members were interested in serving on the Steering Committee, and Allan, Fox, Rizzo, and Pyrch responded. Bezore and Guerrero also indicated interest in serving on Work Group(s).

Adjourn The meeting adjourned at 10:30

Dear Representative Bonamici and members of the House Appropriations and Commerce Subcommittee,

The Oregon Seismic Safety Policy Advisory Commission (OSSPAC) strongly opposes the elimination of the National Tsunami Hazard Mitigation Program (NTHMP) recently proposed by the National Oceanic and Atmospheric Administration (NOAA). We urge you to resist the proposal and press for restored funding for NTHMP.

Members of OSSPAC are appointed by the Governor and include key stakeholders from government, industry, and the public. We represent a variety of interests and expertise related to seismic risk assessment and management. OSSPAC's mission is to positively influence decisions and policies regarding pre-disaster mitigation of earthquake and tsunami hazards; increase public understanding of hazard, risk, exposure, and vulnerability through education; and be responsive to new studies or issues raised around earthquakes and tsunamis. The commission has produced several influential reports analyzing Oregon's readiness for a major earthquake on the Cascadia Subduction Zone (CSZ), including the broadly scoped Oregon Resilience Plan (2013) and subsequent focused reports on mass care (2018), seismic retrofits (2018), and tsunami resilience on the Oregon coast (2021). It is from this vantage point that we champion the NTHMP.

A powerful earthquake on the CSZ accompanied by a highly destructive tsunami is not a vague possibility but a certainty (Buylova et al., 2020; Chen et al., 2021). If the entire subduction zone slips as it did during the last recorded event, it will very likely produce the worst disaster in U.S. history. In Oregon, most of the fatalities will be caused by the tsunami and may approach the numbers Japan experienced in 2011, depending on season, time of day, and numbers of temporary visitors (Allen et al., 2022). Preparing all of Oregon's coastal communities for this event is a daunting task, but one in which the NTHMP plays a critical role through material and structural support.

The NHTMP has been instrumental in developing critical tools to grow resilience and awareness of tsunami hazards on the Oregon coast. As just a few examples, NHTMP grant funding was essential for updating tsunami inundation maps based on more accurate and comprehensive geologic evidence for past events. This Tsunami Inundation Map System is now a crucial guide for local tsunami hazard planning efforts on the Oregon coast. The NHTMP also funded development of the "Beat the Wave" map series, which models walking or running speeds needed to successfully evacuate during a worst-case scenario tsunami and highlights candidate areas for vertical evacuation structures. On-the ground signage for evacuation wayfinding, crucial to ensuring that coastal residents and visitors are able to quickly escape a tsunami's path, was also supported by program.

Importantly, the NTHMP serves all states and territories subject to tsunami hazards, creating efficiencies by providing a mechanism for us to learn from each other. The program also offers state and local officials critical guidance in building resilience to tsunamis, helping them develop strategies, pathways forward, and momentum.

Important strides toward tsunami resilience in Oregon have been made thanks to the NTHMP, but there is still a long way to go. The NTHMP's support and guidance will be essential for achieving this monumental feat. California, Washington, Alaska, Hawaii, and other territories are in similarly risky situations, and a unified effort is required to address the high likelihood of a tsunami threat.

We offer our support in your efforts to restore funding for the NTHMP and we hope this letter will reinforce them.

Sincerely,

The members of OSSPAC

References

Buylova, A., Chen, C., Cramer, L. A., Wang, H., & Cox, D. T. (2020). Household risk perceptions and evacuation intentions in earthquake and tsunami in a Cascadia Subduction Zone. *International Journal of Disaster Risk Reduction*, 44, 101442.

Chen, C., Lindell, M. K., & Wang, H. (2021). Tsunami preparedness and resilience in the Cascadia Subduction Zone: A multistage model of expected evacuation decisions and mode choice. *International Journal of Disaster Risk Reduction*, 59, 102244.

OSSPAC (Oregon Seismic Safety Policy Advisory Commission. (2013). Oregon Resilience Plan. Salem, Oregon. https://www.oregon.gov/oem/Documents/Oregon_Resilience_Plan_Final.pdf

OSSPAC. (2018). Encouraging Homeowner Resilience through Earthquake Insurance and Seismic Retrofit. OSSPAC Publication 18-01. <https://www.oregon.gov/oem/Documents/OSSPAC-18-01%20Insurance%20Final%20Report.pdf>

OSSPAC. (2018). Mass Care and Mass Displacement after a Cascadia Subduction Zone Earthquake. OSSPAC Publication 18-02. <https://www.oregon.gov/oem/Documents/OSSPAC-18-02%20Mass%20Care%20Final%20report.pdf>

OSSPAC. (2021). Tsunami Resilience on the Oregon Coast. OSSPAC Publication 21-01. https://www.oregon.gov/oem/Documents/OSSPAC_Tsunami_report_2021_final_singlePage_reduced.pdf

Allen, J. C. and O'Brien, F. E. (2022). Earthquake and Tsunami Impact Analysis for Coastal Douglas, Lane, and Coos Counties, Oregon. Oregon Department of Geology and Mineral Industries Open File Report O-22-06.

Commented [NF1]: Are full refs needed here? If so, add Wang, 2021 and possibly the OSSPAC reports cited in par 2