



OREGON SEISMIC SAFETY POLICY ADVISORY COMMISSION (OSSPAC)

Tuesday, November 14, 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. January OSSPAC Meeting
- 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. CEI Hub Inhalations Report
Luke Hanst (PSU) & Alice Busch (Multnomah County EM)
- 10:15 BREAK
- 10:25 5. ODOT Legislative Report on Airport Resilience
Betty Stansbury (ODOT)
- 10:55 6. Election of 2024 OSSPAC Officers
- Adjourn



OREGON SEISMIC SAFETY POLICY ADVISORY COMMISSION (OSSPAC)

Minutes

September 12, 2023

OSSPAC Members Present:

Tiffany Brown, Chair
Elizabeth Safran, Vice Chair
Althea Rizzo
Jonathan Allan
Todd Smith
Lesley Ogden
Natasha Fox
Allison Pyrch

Local Government Stakeholder
Public Member
Department of Emergency Management
Department of Geology & Mineral Industries
Department of Consumer & Business Services
First Responder Stakeholder
Schools Stakeholder
Public Member

OSSPAC Members Absent:

Matt Crall
Christina LeClerc
Rep. David Gomberg
Sen. Dick Anderson
Carolina Gomez

Department of Land Conservation and Development
Department of Transportation
Legislative Assembly Representative - House
Legislative Assembly Representative - Senate
Multifamily Housing Stakeholder

Others in Attendance:

Jordan Peterson
Jonna Papaefthimiou
Scott Smith
Mike Kortenhof
Don Pettit
Svetlana Lazarev
Lalo Guerrero
James Bela
Killian Stoltenburg

Board Administrative Partner
State Resilience Officer
Department of Environmental Quality
Department of Environmental Quality
Department of Environmental Quality
Department of Environmental Quality
Department of Geology & Mineral Industries
Citizen
Citizen

1. Administrative Matters:

Roll Call & Introductions. At 9:02 a.m., Brown opened the meeting, made introductions and roll call was taken.

Review & Approval of July minutes. Pyrch made and Safran seconded a motion to approve the July minutes, and the motion passed.



Events Notification: Brown reminded that The Great ShakeOut was happening on October 19, at 10:19 a.m. and the OEMA Conference was taking place in Gleneden Beach at the Salishan Coastal Lodge October 3-5, where Craig Fugate, Former Director of FEMA, will be the keynote speaker.

Papaefthimiou announced that the EPA was hosting a “Water, Public Health, and Healthcare Coordination Workshop” happening on September 19, 8:30 a.m. – 3:30 p.m. ([Linked here](#))

Next Meeting: The November 14 and January 9, 2024 meetings will be held in the Oregon State Treasury Building on Hawthorne Avenue in Salem, as well as meetings being available remotely over zoom.

2. **Reports:**

ODOT: Member not present.

DLCD: Member not present.

ODEM: Rizzo announced new executive leadership at ODEM. Erin McMahon is officially the department’s new director. The former interim director, Matt Garrett, has stepped into an advisory role supporting McMahon in the transition. Additionally, Travis Hampton will be temporarily moving into an advisory role from DAS. Matt Marheine and Stan Thomas have left the agency, and Patence Winningham will soon be joining ODEM, coming from Lane County, as the new deputy director.

Erin brings a wealth of experience in emergency management from her time in the military and fresh new perspective to ODEM. [Click here for more information.](#)

DOGAMI: Allan reported that DOGAMI hosted the National Tsunami Hazard Mitigation Program (NTHMP) in Portland at the beginning of August. It was very successful, with around 70 people attending the meeting from around the country. The meeting included a trip to the coast where they heard presentations about local efforts from Rick Hudson from Cannon Beach, Tiffany Brown with Clatsop County, and former OSSPAC member Doug Dougherty who championed moving the Seaside high school out of the tsunami inundation zone.

Additionally, DOGAMI received a grant from NTHMP for FY23 to initiate new probabilistic tsunami hazard analysis (compared previous mapping efforts have been deterministic which are not compatible with development standards) for the Northern Oregon coast. The current goal is to replace the tsunami design zone maps developed by the American Society of Civil Engineers in 2016.

Allan announced the completion of the hazard study for Curry County, effectively concluding the Cascadia Subduction Zone (CSZ) earthquake and tsunami hazard modeling for coastal counties. They will be revising the north coast sites to reflect 2020



census updates. A final coastwide summary that documents the predicted impacts of the CSZ earthquake and tsunami will be available in 2024.

Guerrero reported that the U.S. National Science Foundation announced that they have awarded \$15 million to the Cascadia Region Earthquake Science Center (CRESCENT). This will help advance earthquake science and will facilitate the collaboration and coordination of multiple states and institutions. A kickoff meeting will be held in late October at the University of Oregon.

DCBS: No report.

DEQ: Lazarev announced that on Thursday the Fuel Tank Seismic Stability Program will present the seismic safety rules for fuel tanks to the Environmental Quality Commission (EQC) for their consideration for adoption (click [here](#) to see schedule and meeting documents). This program has been in the works for a year, developed by a team of four. The primary reason for the development of this program is the Critical Energy Infrastructure (CEI) Hub in Northwest Portland. Portland State University was one of their contractors, providing an overview of best practices used around the world for fuel storage safety, put together an environmental justice review, and hosted a workshop that was well attended by the community and local government representatives.

Legislative Assembly: No report.

State Resilience Officer: Papaefthimiou reported that she is currently unsure of the upcoming legislative agenda for next year and if there are any bills related to the work of the commission. She highlighted a bill that passed last legislative session that permits public employees to work 3 weeks per year, paid, in response to an emergency in Oregon. Discussed that she is starting conversations with State HR on how we can offer training to employees about emergency response work. A personal goal of hers is to begin moving the state's organizational culture to one where all public employees act as first responders in a catastrophic emergency.

3. **Public Comment:** None.

4. **National Tsunami Hazard Mitigation Program (NTHMP) Letter of Support:**

The NTHMP is funded \$6 million annually through the National Weather Service (NWS) of NOAA. The NWS has tried to cut all funding for the NTHMP almost every year, funding which pays for all the mapping and modeling work done. This year the reason is to instead use those funds to strengthen the NWS IT infrastructure as well as their warnings & watch systems. The loss of this funding will have significant ramifications on the operations within all states and territories that utilize its funding such as hazard mitigation and community outreach work.



Safran drafted the letter of support and solicited input from the other members. Papaefthimiou talked with the lobbyist on behalf of the State of Oregon and Representative Bonamici are advocating for the continuation of funding for this nationally. Safran made and Fox seconded a motion to approve the NTHMP Letter of Support, and the motion passed.

5. Commission Development and Annual Goalsetting:

Brown brought up how commission members have expressed interest in becoming more involved in legislative sessions. The Commission reports have supported several initiatives in the past, but members are interested in exploring what it would look like to lead an initiative.

Brown and Papaefthimiou discussed what it would look like to come up with an idea and gather supporters rather than wait to be someone else's supporter, Papaefthimiou expressed excitement in being able to support the commission in this way. She also noted that between the members of the commission, there is such a wealth of knowledge to be shared with each other and with the public, but meeting remotely potentially hinders the ability to share ideas and be creative, so she is advocating for more in-person attendance especially for a larger goalsetting/planning meeting.

Discussion opened about the best way to have an annual goalsetting session. Brown brought up the idea of having an in-person retreat for members to get to know each other better, allowing for more advanced planning and collaboration to reach larger commission goals. This retreat would happen either in place of, or alongside, the planned January meeting. It was suggested to plan for January's meeting to be an all-day meeting rather than just the usual hours.

Safran and Pynch both expressed support for an in-person planning meeting in January.

6. Commission Membership Update & Discussion:

The commission currently has five vacancies: Public member, engineering stakeholder, building owner, insurance stakeholder, and utilities stakeholder. Brown and Papaefthimiou are working hard to get these filled but have yet to receive any applications for several. Papaefthimiou reached out to the Building Owners and Managers Association of Oregon (BOMA) to hopefully find a building owner stakeholder. Additionally, she has a meeting scheduled with Andrew Stolfi, Insurance Commissioner at DCBS to find an insurance stakeholder. Additionally, she wants to reach out to Beaverton school district to speak at a future meeting as they have been a leader in Oregon among school districts when it comes to seismically retrofitting school buildings.

7. Oregon Resilience Plan (ORP) 10-Year Review Project:



Brown explained that not much progress has been made over the past few months. There were no meetings held in July or August, but time was spent drumming up members. The structure of the review document will closely follow the original ORP structure, with an added chapter for community resilience. The workgroup will consist of three levels of organization. An advisory/oversight panel, a steering committee (comprised of OSSPAC members), and workgroups. Brown was able to solicit interest from various partners for support on the review project.

The original resilience plan was a lot more robust than this review project will be, as the review is much more limited in scope. Brown suggested for this project that to reflect the difference in scope, that the workgroups should be smaller, and the advisory panel and steering committee should be larger for this project. Objectives will include gathering data from the last ten years and integrating it into the ORP and writing a new chapter on community resilience.

Over the next few weeks, Brown will be figuring out membership and setting up meetings for the advisory panel and steering committee, as well as figuring out how to organize the workgroups.

8. Election of 2023 Officers – November Meeting

Brown explained that the committee bylaws state the election of officers is to happen in November, and she encouraged members to reach out if they were interested in the Chair or Vice-Chair roles.

9. Additional Discussion

Rizzo budgeted \$2500 in the National Earthquake Hazards Reduction Program (NEHRP) grant budget last year for OSSPAC report writing for this year, as well as an additional \$2500 for next year that can go towards supporting an in-person retreat.

Fox will be meeting with the Provincial Office of British Columbia's Climate & Emergency Readiness Department to discuss potential opportunities for collaboration regarding Cascadia Subduction Zone research and preparedness.

Brown suggested that if any stakeholders have any updates to share to speak up during the report section.

Allan brought up the idea of having one of the CRESCENT Principal Investigators come in and give some background to the work they are doing and learn about their goals. The work they will have massive implications on this entire region, and it makes sense that we hear from them.



Brown brought up her plan for the November meeting, which was to invite folks who have experience measuring infrastructure and community resilience. This testimony will be helpful to informing our ORP ten-year review to hear from these resilience partners. Natasha suggested anyone from the Cascadia Coastline and Peoples Hazards Research (CoPes) Hub including herself or Josh Blockstein in particular. Allan discussed Ann Bostrom, Co-Director of the CoPes Hub, as being a person of interest.

The November meeting will be held on Tuesday, November 14, 2024.

Adjourn: Brown adjourned the meeting at 9:59 a.m.

DRAFT



OSSPAC Agenda Item Summary

November 14, 2023

ITEM 4

Issue/Title “The Day After: Oregon’s Airports Roles in Surviving the Aftermath of the Cascadia Subduction Zone Megathrust Earthquake” DRAFT REPORT

Presenter(s) Betty Stansbury

Summary Provide an overview and seek comments regarding the report draft

Background

The state Legislature passed HB 3058 in June, requiring the OR Dept of Aviation to study airport resiliency and report to them by the end of this year. The Oregon Department of Transportation took on the task, which allowed only six months to prepare the report, so the report does not seek to be a deep dive, however, relies on industry experts for contributions and review.

The layout/graphics are still to be finalized. The report consists of 7 Chapters & 3 Appendices. The goal of this report is to convince the legislature to provide funding for a grant program for Oregon airports to purchase resiliency related equipment. State Representative Paul Evans (who sponsored the bill) is considering a bill for the upcoming February 2024 legislative session.

As such, the following ideas are offered here for discussion and feedback regarding the draft:

- 1) Are the assumptions and conclusions reasonable?
- 2) Is the argument for investing in airport resiliency compelling?
- 3) Is the language of the report overly simplistic?
- 4) Do you think your State Legislator would find this argument compelling enough to co-sponsor a bill establishing a grant fund to purchase the equipment?

ITEM 5

Issue/Title “Risk of Earthquake-Induced Hazardous Materials Releases in Multnomah County, Oregon: Two Scenarios Examined”

Presenter Luke Hanst, Portland State University | Alice Busch, Multnomah County Emergency Management

Summary Overview and discussion of report

Background To further understand the potential risk to citizens following a Cascadia Subduction Zone earthquake, Multnomah County emergency management officials partnered with Portland State University researchers and other governmental agencies to come up with the predictions based on various data and studies. They identified the top 70 highest-risk industrial facilities in the county; of them, 27 are located in North Portland. Those facilities store a variety of potentially dangerous chemicals, including hydrochloric acid, sulfur dioxide, hydrogen chloride, anhydrous ammonia and diesel.

The report focuses on four facilities in North Portland and maps how hazardous chemicals could spread from those locations given average weather conditions in summer and winter. The report keeps the names of the facilities anonymous to “minimize the risk of this information being used to intentionally cause harm.

Links Report [“Risk of Earthquake-Induced Hazardous Materials Releases in Multnomah County, Oregon”](#)
Article [“Cascadia Earthquake Could Release Deadly Chemicals, endangering...MultnomahCounty” \(OPB\)](#)

ITEM 6

Issue/Title	OSSPAC Election of Officers
Presenter	Tiffany Brown
Summary	Entertain nominations and vote for officers
Background	The OSSPAC bylaws state that officers (Chair & Vice-Chair) will be elected each year at the November meeting in order to take office during the January meeting for the subsequent year. Currently, Tiffany Brown serves as Chair, and Liz Safran serves as Vice-Chair. Members are encouraged to make nominations during the meeting, and any members interested in serving as Chair or Vice-Chair for the 2024 year are encouraged to contact the current Chair or another member to solicit a nomination.