

OSSPAC MINUTES – DRAFT
September 8, 2015

The meeting was called to order at 9:00 a.m. at the Capitol in Salem.

OSSPAC Members Present:

Jay Wilson, Chair	Public member
Jay Raskin, Vice Chair	Public member
Doug Dougherty (via phone)	Stakeholder: school district/community college/university
Steve Lucker	State agency: DLCD
Ed MacMullan	Stakeholder: banking
Ian Madin	State agency: DOGAMI
Walter McMonies (via phone)	Stakeholder: multi-family housing
Michael Mumaw (via phone)	Stakeholder: local government
Althea Rizzo	State agency: OEM
Sen. Arnie Roblan (via phone)	Stakeholder: legislative assembly
Cara Sloman (by phone)	Stakeholder: American Red Cross
Jeffrey Soulages	Public member
Stan Watters	Stakeholder: utilities

OSSPAC Members Absent:

Rep. Brian Clem	Stakeholder: legislative assembly
Greg Ek-Collins	State agency: transportation
Richard Rogers	State agency: building codes

Others in Attendance:

Douglas Given (via phone)	USGS
Evelyn Roeloffs	USGS
Rep. Deborah Boone (via phone)	Legislature
Andrew Phelps	OEM
Carmen Merlo	PBEM
Gloria Zacharias	OBDD
Bev Hall	OEM

1. Administrative Matters

1a. Welcome and Introductions

Jay Wilson, Chair, opened the meeting and led introductions.

1b. Review and Approval of Minutes from July 14, 2015

Having a quorum, the July minutes were approved unanimously as written.

1c. Events Notification

Jay Wilson reported on the Coastal Caucus' Oregon Coast Economic Summit held Aug. 26-27, 2015. Jay was the moderator of a panel which included Rep. Boone, Andrew Phelps, Chris Goldfinger and Scott Ashford. Ian Madin also attended, and said that a big issue is coastal resilience vs. economic development, and is resilience a barrier. Jay Wilson agreed and said that in every panel Cascadia was mentioned. Senator Roblen, who led the Summit, said that Oregon has a big responsibility in that tourists will still go to the coast, but there are many ways to help people be prepared.

Jay Wilson announced that there is going to be a joint conference with OEMA and Washington's association Sept. 21-24 in Vancouver. In Jay's session he will be rolling out the NIST Community Resilience Planning Guide. He will be giving an overview and purpose, then tying it into what Oregon has done with the Oregon Resilience Plan.

Jay Raskin said that Oct. 16 is the AIA Resilience Summit in Washington, DC that he is attending.

1d. New Business

Due to the Chair and Vice Chair ending their two year term, Ian nominated Jay Raskin as Vice Chair. He was re-elected unanimously. Ian then nominated Jay Wilson as Chair. He also was re-elected unanimously.

1e. Time and Location for November 2015 Meeting

The next meeting will be held at the Capitol (later changed to OEM) in Salem on Nov. 17, which is a week later than the usual meeting.

2. State Agency Reports

OEM: Director Andrew Phelps said he has been busy with the aftermath of the New Yorker article – giving out the preparedness message. OEM is also working with Business Oregon and DOGAMI on the HUD grant Phase 2 application. A public comment meeting will be held in the near future. A key project is a rural incubator, building capacity for resilience, including economic. Andrew also said OEM is working on their website to change to a two-week preparedness message. He then mentioned upcoming events: Race the Wave Sept. 13, Great Oregon ShakeOut Oct. 15, and the Cascadia Rising June 2016 exercise. The exercise will test the Cascadia Playbook and includes Oregon, Washington, and Idaho, along with the private sector. Jay Raskin asked Andrew what policy questions the agency would like OSSPAC to address. Andrew will get back to OSSPAC once they have reviewed legislative priorities.

Ian Madin said he would like to see a procedure set up to put together a consistent preparedness message through all agencies. Althea Rizzo said that there presently exists an education committee that meets every other month via phone. Their goal is one set of talking points. Jay Wilson said that the Oregon Resilience Plan says “two weeks or more.” Andrew said that he wants to do messaging for all of Oregon. Knowledge is also needed – amateur radio contacts, where to go for information and help, etc. Jay Wilson said that in the last legislative session, SB 808 would have dealt with mass displacement. That is still a need. Community resilience is more than mitigation. Social connectivity is important for economic resilience. Andrew added that local emergency managers are a critical component of messaging. Jay Raskin mentioned the OPB Aftershock app as a good model for a community resilience rating system.

Althea said that at the November OSSPAC meeting she can report on the Earthquake Advisory Committee. So far there are 350,000 people signed up for the Great Oregon ShakeOut on Oct. 15. There will be a hotel outreach event on Oct. 19. Right now there is an online educational module lasting half an hour, with a certificate available at the end. It is available in English and Spanish, and designed for hotel employees. It was created by the people who produced Aftershock. Karen Parmelee at OEM is the point of contact for the Hotel Outreach program. Althea said that she was starting a road trip to Jackson and Josephine counties for the next two weeks, then will be visiting eastern Oregon the end of the month.

DOGAMI: Ian Madin said that they are still recruiting for a state geologist. Scott Ashford has been nominated to their governing board. They are negotiating with RDPO for a project for HAZUS based loss estimates for the three metro area counties, using real data. That is the first phase– the second will be Columbia and Clark counties. DOGAMI is also working with OSU on new maps for ground shaking and ground deformation for the earthquakes in the range of 8.1-8.7 – ones that won’t affect the I-5 corridor, but more so the coast. The maps will turn probabilistic maps around and focus on likelihood of a given hazard. DOGAMI will come to OSSPAC for review. Along with that, they are looking to FEMA for money for making a hazard map that would show details of for example, how much shaking one could expect at a building. Ian would like a uniform authorized level as low or high hazard. This could help realtors know what disclosures to put on homes for sale listings.

Jay Wilson said he was invited to a metro area realtors meeting next week. He can share that we would like more engagement with them. There are hazard disclosure laws in the state, but no laws for regulation on this.

Ian said that next week is a HAZUS specialty training paid by FEMA. Ian noted the earthquake swarm that is occurring on the OR/CA border. DOGAMI has submitted to NOAA a tsunami land use project for planning on the coast – along with DLCD. Ian said that DOGAMI is starting to develop an advisory group and planning public meetings for the tsunami line change. That is to be done by July 2016.

DLCD: Steve Lucker said that they are working on all hazard based risk map for Tillamook that will then be done for each coastal county. He is hopeful that OSSPAC can help with getting the information out. Clatsop County is using their Tsunami Land Use guide. DLCD is also working on a grant to help counties with code writing and make a template that other counties can use.

Jay Wilson said that in the last legislative session there were 18 bills dealing with resilience. It would be helpful to have action items for the future, and to have help with those bills. Jay Raskin said that perhaps a subcommittee could be formed to help with that. Jay Wilson said that a November meeting topic could be how the legislature and OSSPAC can be more involved in resilience legislation. Jay Wilson also said that in Clackamas County they are working on a more formal approach to a registry for those with ATC-20 and 45 training. Oregon just has a list. He has a meeting with Andrew Phelps at OEM tomorrow regarding this topic. Trained teams are important so that people can get back into their homes and businesses after a disaster.

OBDD: Gloria Zacharias said that Jay Wilson attended their first advisory committee meeting on August 5. She announced that for their first round of money, the \$1.5 million cap will stay. It will be re-evaluated next round. Gloria has been traveling to forums and meetings around the state. The next round with more money will be a huge lift for them to get the word out. Gloria said that when SB 80 passed, dissolving the State Board of Higher Education, it had an unanticipated result of cutting out universities from being able to apply for seismic grants. Charter schools can apply, but only if the building is owned by an ESD or school district. Senator Courtney is looking into the above issues.

October 1-Dec 31 is the period for accepting applications for schools. Announcement of grants is scheduled for February-March of 2016. She is hoping for an early spring bond sale. \$125 million was given to the Dept. of Education for capital improvements. This is for districts that can pass a bond measure.

The advisory committee has 20 members now. Walter McMonies is a member. They also have stakeholders, such as Michael Kubler, the president of CREW.

BREAK

3. Earthquake Early Warning System

Doug Given and Evelyn Roeloffs, USGS, gave a PowerPoint presentation on ShakeAlert – an earthquake early warning system. It can sense the “P” waves, which occur before the damaging “S” waves. Depending on location, one can get seconds or minutes of warning of an impending earthquake. This would be time to stop trains, machinery, hospital equipment, etc. Doug said that there is a long history of such systems. In 1995 Japan put in a \$500 million system. ShakeAlert was first used in the US in 2006, a demo was done in California in 2012, and now a demo in the Pacific NW this year. The implementation plan is on their website. In California they are in the planning process currently, with an implementation plan by January of 2016. BART is undergoing a pilot project from 2015-2018.

Built on top of ANSS seismic networks on the west coast, \$29 million has been spent so far on ShakeAlert. To do a full west coast implementation, construction costs would be \$38.3 million, and an annual cost going forward would be \$16.1 million. There are two user categories – people and things (automation). The issues are: funding, politics, technical (permitting is expensive) and training/education (who does what when).

Jay Wilson asked about the planning and coordination going on before the system is up and running. Doug said presently there is a job announcement out for the training and education component. Japan made a non-profit organization to run theirs. However, partnerships are needed. Jay Raskin asked about USGS Policy on the use of EEWS for evacuation of buildings, given statements about this possible use. Doug stated that this was not part of the USGS policy recommendations and that they support drop, cover and hold.

Ian Madin said he was skeptical of the program and has concerns about training if used to move people. He hasn't seen any data showing that seconds of warning help. Ian would like to see the public/human response part get most of the attention. Althea Rizzo said that she agreed and that given five seconds of warning, people would want to evacuate a building, perhaps to a more dangerous place. Ian said that the 15 seismic instruments purchased by the Governor with \$670,000 of state general fund money is only a tenth of what is needed. This is competing with a lot of other issues and rehabilitation.

In answer to a question, Doug Given said that the money for this program is coming from the federal government. He said that more emphasis on automatic response would be best use and be cost effective. Finally, Doug gave out his email address for further questions: doug@usgs.gov

Althea Rizzo recommended looking at the NEHRP and NTHMP programs for templates to work with state and local partners. Doug Given said that any data that is known he would like to integrate into their program, like utilities.

Jay Raskin asked about private P-wave detectors and the EEWS. EEWS will give more warning time. USGS does not want to be in competition with and does not evaluate this system. He would like to see this information integrated into the EEWS, provided they meet appropriate standards and are properly located.

4. OSSPAC Stakeholders

Jay Wilson brought up the idea of changing the stakeholders that OSSPAC has used historically. For example, Jeff Soulages holds a public position but also is a structural engineer. So instead of replacing Kent's position as structural engineer, we could use that spot for another stakeholder. The law doesn't state what the stakeholders have to be. We have interest from someone in the hospital field, and there may be others. Jay Raskin suggested that OSSPAC ask stakeholders to report back to their group. Walt McMonies said that he shares our agenda and reports back to his stakeholders after our meetings. This subject will be discussed further.

5. Public Comment

None

The meeting was adjourned at noon.