

**OSSPAC MINUTES**  
**July 8, 2014**

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

**OSSPAC Members Present:**

Jay Wilson, Chair	Public member
Dougherty, Doug	Stakeholder: school district/community college/university
Greg Ek-Collins	State agency: transportation
Steve Lucker	State agency: land conservation and development
Ed MacMullan	Stakeholder: banking
Ian Madin	State agency: geology and mineral industries
Walter McMonies	Stakeholder: multi-family housing
Richard Rogers	State agency: building codes
Cara Sloman via phone	Stakeholder: American Red Cross
Jeffrey Soulages	Public member
Susan Steward	Stakeholder: building owners
Stan Watters	Stakeholder: utilities
Kent Yu	Stakeholder: structural engineer

**OSSPAC Members Absent:**

Rep. Brian Clem	Stakeholder: legislative assembly
Michael Mumaw	Stakeholder: local government
Jay Raskin, Vice Chair	Public member
Althea Rizzo	State agency: emergency management
Sen. Arnie Roblan	Stakeholder: legislative assembly

**Others in Attendance:**

James Bela	Oregon Earthquake Awareness
Bev Hall	Office of Emergency Management
Carmen Merlo	Portland Emergency Management
Al Newnam	Education-Community Colleges
Guy Tauer	Oregon Employment Department

**1. Administrative Matters**

**1a. Welcome and Introductions**

Jay Wilson, Chair, opened the meeting and led introductions. Two new members were introduced and spoke. The education position has been filled by Doug Dougherty. The banking position has been filled by Ed MacMullan.

**1b. Review and Approval of Minutes from May 13, 2014**

Having a quorum, the minutes were approved unanimously. Jay Wilson will follow up on letters promised to be sent from the last meeting.

**1c. Commission Vacancies**

Cara Sloman is now the official American Red Cross member. There are no vacancies on the Commission at this time.

**1d. Events Notification**

Kent Yu said he will be attending the Conference on Earthquake Engineering in Anchorage on July 21. He will be presenting as well as accepting an award for Representative Boone for her work with the legislature getting the Oregon Resilience Plan passed.

Jeff Soulages attended the Regional Advisory Council of the Pacific Northwest Seismic Network in Washington. They were looking for feedback on instrumentation, and talked about the early warning systems in California and Washington. They are trying to get Congressional funding for \$16 million in the 2016 budget, as a beginning of a ten year project. Also discussed were instruments becoming available for purchase, and also Oregon's use of instrumentation and maintenance issues. Jeff said that there will be an international workshop in September at UC Berkeley on early warning systems.

Jay Wilson said that he has been working with Senator Roblan's office and the Oregon Coastal Caucus on the upcoming Oregon Coastal Economic Summit. It will be held in Florence on August 20-21, 2014. Jay is moderating a panel that will be discussing coastal resilience in relation to tsunami hazards. The panel includes Rep. Boone, Heidi Moawad from the Governor's Office, Tillamook County Commissioner Mark Labhart, geologist Tom Horning from Seaside, and author Bonnie Henderson. Following will be a panel with Rep. Bonimici.

Jay next discussed the National Institute of Standards and Technology (NIST) workshops that are occurring around the country. The next one is in New Jersey the end of July. They will be looking at Hurricane Sandy recovery and resilience. Jay was in Washington DC earlier this year and talked with the NIST staff regarding the Oregon Resilience Plan and how we got it done in Oregon. He also talked about the national direction regarding climate change and the importance of including seismicity when thinking about building. The concluding NIST workshop is

scheduled next year with the topic of earthquakes and tsunamis. It will be held in the Pacific NW.

**1e. Time and Location for September 9, 2014 Meeting**

The next meeting will be held at Portland Bureau of Emergency Management.

**2. Reports from State Agency members**

**OEM:** The Resilience Task Force draft recommendations for the final report were handed out for comment. Stan Watters said that huge sections were left out, such as water/wastewater and communications. Under Energy, those not regulated by the OPUC such as EWEB and Springfield were left out. Jeff Soulages (a member of the Task Force) said that the ORP had 280 recommendations that were narrowed down to ten. The recommendations are for two years, not the whole 50 years at once. There were two criteria to make the final report – low hanging fruit or those that need a long time. Stan suggested that it be noted that the recommendations are for two years. Kent said that in telecommunication, coverage is what is needed, and that there needs to be assessment of the 9-1-1 facilities. Jeff asked that recommendations be sent to him to track. Greg Ek-Collins said he is thankful for what is in the recommendations. Kent said he would like the seismic bond cap moved up, and that health care facilities on the coast need funding, too. He also said he doesn't like items 4 and 5 under Critical Facilities. Jeff said he would like the recommendations more readable. Jay Wilson would like a broader definition of resilience and doesn't like the oversight of the State Resilience Office language.

**DOGAMI:** Ian Madin spoke about the types of strong motion detectors. Free field detectors are on the ground – give information for research and geotech people. Building detectors show how buildings react. Right now Oregon is biased toward the building type, California focuses on free field. Buildings are much more expensive than free field. DOGAMI is preparing a Policy Option Package for the legislature for an advisory group on recommendations for the future of the motion detector program. The National Science Foundation gives an option for states to buy earthquake instruments already in the field. The U of O and Peter DeFazio are interested in this, though it costs \$800,000. A meeting is planned in the near future. DOGAMI is not preparing a Policy Option Package for SB 379 at this time. Ian said that they are working on Seaside/Gearhart inundation models and a map for how fast one has to walk to get into a safe area. Ian talked about the article in the Sunday Oregonian two weeks ago. It had incorrect information on the map. The article regarded the Jordan Cove LNG facility. DOGAMI has no authority to stop building in the inundation zone. They are only to be consulted. However, they have suggested looking at interdependencies between the parts of the operation, and there is a review coming up. Ian said DOGAMI just completed erosion maps for Tillamook County. They include climate change along with Cascadia sea level rise and erosion. Lastly, Ian talked about the earthquake early warning system. He shared concern about what to do with the information

and how it plays out with the public. Jay Wilson agreed and said sometimes technology moves too fast and research is needed for how to use the information and the reaction of the general public. Jeff said that he is a proponent of the system and that education should be pursued for what people should do with the information. He said that it can save lives.

**DLCD:** Steve Lucker said that in regard to Jordan Cove, a temporary community will be moving in with 2,000 people. Steve talked about their Land Use Guide. Chapter 6 deals with tsunami evacuation guides and 7 is long range planning for Cascadia. With a NOAA grant, Steve said that they are working on a North Coast Resilience Plan. He is working on a community viewer. They are holding local meetings currently. So far 60 items have come up and Steve has added them to Google maps and local plans. A prototype with 15 layers now is done, with more layers to come.

**ODOT:** Greg Ek-Collins said that their complete Emergency Operation Plan update is done and going to print, with half being distributed electronically. This was an 18 month project and incorporated a tsunami evacuation plan. The annexes are still being worked on and 80% will be done by August.

**Building Codes Division:** Richard Rogers talked about the 2014 Specialty Residential Code that has a public hearing coming up. There are no major changes, just clarification on foundations. It goes into effect October 1.

## **BREAK**

### **3. Guy Tauer, Oregon Employment Dept. – Employment in Oregon’s Tsunami Inundation Zones**

Guy is a regional economist from Medford who works with employment statistics. He gave a PowerPoint presentation that showed the impact on employment in the various job sectors and areas of the coast should a tsunami occur. Jay Wilson said that he will share this information with the panel at the economic summit coming up. Ian Madin said that he will try to get ground shaking information in areas away from the coast and numbers of jobs impacted to add to Guy’s report.

Guy shared the website which lists his various articles, including his PowerPoint presentation:

<http://www.qualityinfo.org/olmisj/DoQuery?itemid=00005779&contacts=S&search=P&curperson=000040>

### **4. Ed MacMullan, EconNW – Economics of Disaster Resilience**

Ed talked about the two types of economic damage – direct and indirect, the benefit of resiliency investing, resiliency as economic development, and funding resiliency investments. A handout was available of his presentation. Jay Wilson asked about the next step. Ed said to take it on the road for feedback. Stan

Watters said that knowledge of indirect damage should be more widely distributed as there is not a lot of incentive to spend money on resiliency.

#### **5. Public Comment**

James Bela recommended PSU Professor Franz Rad as a speaker for OSSPAC on fixing buildings to sustain earthquakes. He also mentioned a Senate Bill in California that seismologist Richard Allen from UC Berkeley had worked on to make early warning systems a law in California. James stated that he is in favor of expanding the Oregon seismic grant program to be able to fix schools in the inundation zone.

**The meeting was adjourned at noon.**