

**CREW Autumn Quarterly Meeting Minutes**  
Held at the White Stag Building  
Portland, Oregon  
Wednesday, January 14, 2010

**10:00 AM Board Business Meeting:**

1. Welcome and Call To Order and General Announcements – In the absence of President Andre LeDuc, Vice-President Maiclaire Bolton called the meeting to order at 10:08 am. A quorum was present. All members introduced themselves and all guests were welcomed to this meeting.

Below is the attendance list for the meeting:

Name	Position	Organization	Attendance		
			In – Person	Web/ Phone	Absent
<b>Executive Board:</b>					
Andre LeDuc	President	University of Oregon			X
Maiclaire Bolton	Vice President	BC Provincial Emergency Program	X		
Steve Charvat	Secretary	University of Washington	X		
Timothy Walsh	Treasurer	WA State Dept. of Natural Resources	X		
Bob Freitag	Executive Director	CREW ( <i>ex-officio/ non-voting</i> )	X		
<b>Board of Directors</b>					
Stacy Bartoletti	Board Member	Degenkolb Engineers			X
Tamra Biasco	Board Member	FEMA Region X	X		
Kathryn Forge	Board Member	Public Safety Canada	X		
Jim Goltz	Board Member	California OES Northern Regional Administrator			X
Joan Gomberg	Board Member	USGS		X	
Charlie Macaulay	Board Member	Global Risk Consultants			X
David Mayer	Board Member	Bonneville Power Authority	X		
Ines Pearce	Board Member	Pearce Global Partners		X ( <i>partial</i> )	
Fredrick Savaglio	Board Member	Virginia Mason Hospital			X
John Schelling	Board Member	WA State EMD	X		
Joan Scofield	Board Member	Office of the Insurance Commissioner			X
Tracy Skinner	Board Member	WSRB			X
Bill Steele	Board Member	University of WA Geophysics Program			X

Name	Position	Organization	Attendance		
			In – Person	Web/ Phone	Absent
Ann Steeves	Board Member	Oregon HHS Region 2	X		
Althea Turner	Board Member	Oregon Emergency Management	X		
Yumei Wang	Board Member	DOGAMI	X		
Craig Weaver	Board Member	USGS			X
Cale Ash	Board Member	Denkolb Engineers	X		
Robert Zimmerman	Past President	Boeing Company			X
<b>CREW Members:</b>					
James Bela	Member	OR EQ Awareness	X		
<b>Visitors/Guests/:</b>					
Brett Holt	Guest	FEMA Region X	X		
Robert Franzen	Guest	FEMA HQ	X		
Glen Granholm	Member	Essrig Taylor Constr.	X		

Today's meeting was broadcast online at [www.crew.webex.com](http://www.crew.webex.com) and via a FEMA teleconference bridge due some to technical audio difficulties.

## 2. Approval of Minutes

Secretary Steve Charvat presented the DRAFT minutes of the October 14, 2009 meeting held in Victoria, BC. Ann Steeves motioned and Althea Turner seconded the minutes to be approved as presented. There was one correction: the correct last name of Althea Turner. The motion was approved unanimously with the one correction.

## 3. Financial Report

Treasurer Tim Walsh presented a general overview of the current quarter's CREW financial report.

### CREW Financial Statement Third Quarter 2009-2010 contract year (=1st quarter fiscal year)

<b>Assets</b>	<b>Totals</b>
Checking Account balance	65,428.84
Saving Account balance	704.26
<b>Payables</b> (outstanding on 9/30/09)	-3,549.52
Receivables (FEMA not billed)	14,245.90

**76,829.48**

Kathryn Forge moved and Yumei Wang seconded the financial report. The treasurer's report was passed unanimously. Bob Frietag noted that there will be approximately \$10,000 in unobligated funds because King County had provided a mini-grant to reprint one of the CREW documents.

4. Committee, Team and Project Reports (Old Business)

- a. *Governance and Membership Committee: formerly the By-Laws Committee (Chair: Joan Scofield)* The Committee Chair did not report at this time because Joan was not present. However, Maiclaire Bolton noted that the Governance committee met yesterday (January 13, 2010). There will be a discussion draft report sent to the CREW membership by March 2010. They went over the classifications of the board with minor changes. They also made suggestions for minor membership categories. Two Major Changes: (1) Board members must be an active member of one of the CREW Committees (2) The committee chairs will make appointments to each Committee. There also will be changes to the terms of the Officers and the election of the Board in staggered years. The members of the Board discussed the verbal report at this time. There was debate over the proposed changes.
- b. *Budgets, Grants and Projects Development Committee (Chair: Andre LeDuc)* This is a new committee. The Executive Board will be developing a funding concept model that will leverage limited resources to increase the capacity of CREW through partnerships with the goal to assist CREW and others on getting more done in a time of less. This builds of the strategic plan. We are also planning to include CREW in our mitigation-recovery planning grant work in Oregon. The University of Oregon already has funding to assist the four southern counties in Oregon. Andre LeDuc will need to follow up with Jim Goltz on the regional planning concept. Andre believes that he found a funding stream for that... At least rural communities through USDA. Tamra Biasco noted a new effort in Cascadia and the development of a catastrophic plan for the Region X via FEMA. The funding proposal is due to FEMA Headquarters soon.
- c. *Education and Outreach Committee (Chair: Maiclaire Bolton)* The Committee also met yesterday (01/13/10). There is approximately \$10,000 surplus in the CREW budget this year. Of all the Standing Committees, this one could use the funding now. Within the next month, CREW will have to submit their budget to FEMA. Each Committee will have to submit a budget and work plan. The By-Laws provides for travel for Board members to board

meetings. Committee member travel has to be identified in each committee's budget request.

- a. *Roundtables and Forums:* In December 2009, the UW hosted a forum on the Indonesian Earthquake. The intent of the Committee is to continue these types of forums on a quarterly schedule, one in each state/province. Yumei Wang supported rotating the forums in the 4 states/provinces. She suggested that in addition to university supporters, to also approach each State Seismic Safety Commissions. Jim Bela suggested that CREW needs to re-engage the private business again like it had in the past. A future proposed forum will be on how preparing for floods (case study: Green River/Howard Hanson Dam) can prepare people, organizations and businesses for earthquakes. The Board discussed how to open up the future forums for more topics of interest to the general public. James Bela suggested a future forum to discuss the upcoming 30<sup>th</sup> anniversary of the eruption of Mount Saint Helens. Ann Steeves suggested that future forums and roundtables develop "expected outcomes" for each event. The Committee suggested that the next forum focus on the Haiti catastrophic earthquake that occurred on January 12, 2010. Yumei chimed in by noting that she has a recent PowerPoint on the Haiti earthquake (placed on the CREW Web site). Yumei felt that the education and outreach committee and the Board should provide important earthquake information to the public immediately after any major earthquake. The education/outreach committee should take advantage of post-disaster "teachable moments by blending current disaster info (e.g. Haiti) with Cascadia earthquake information on preparedness.
- b. *Web Working Group (Nate Wood):* No report at this time.
- c. *CREW Operating Budget Surplus (~\$10,000).* The board approved a number of projects in the past, but without identified funding. The current project before the board for a \$5,000 subsidy was already approved by the Board, but there was no funding. The request entitled "Enhancing Tsunami Warning and Emergency Communication Along the Pacific Northwest Coast: Reaching the Last Mile" in British Columbia. Robert Franzen discussed how the new FEMA grants work and project approval (and the new DHS requirements requiring metrics and deliverables to measure progress) If this project goes forward, the CREW Executive officer will send a letter to FEMA Region X for permission to amend its contract to fund this. There was a lengthy discussion of the logistics of funding a project in British Columbia. There also needs to be a specific proposal detailing exactly what the \$5,000 in funds will be spend on. The other project that was proposed by Glen Granholm about the recent northern California earthquake on January 10, 2010 and hosting an Earthquake Preparedness Educational Tour. The total project is \$5,400 with 50% being requested by CREW

(\$2,700). Yumei Wang asked about the potential conflict of interest of this project if it potentially promoted a private company (Essrig Taylor Construction). Yumei Wang motioned to have the CREW Executive Director to approve the contract for these 2 additional projects with revised proposals and improve the project proposal process to better identify deliverables as part of future proposals. Tim Walsh seconded the motion. The motion passed unanimously.

- d. Project and Liaison Reports:
  - a. *Crustal Scenario Development (Walsh)* – Tim Walsh reported that King County Emergency Management has agreed to fund the printing of 6,000 copies. It is currently at the printers.
  - b. *SSA Upcoming Conference (Yumei Wang)* – Yumei Wang reported that Seismological Society of America meeting will be held in Portland on April 21-23, 2010. CREW will co-sponsor it at no cost. Yumei Wang moved to have CREW co-sponsor it and help promote it. The conference is aimed at the General public. Althea Turner seconded the motion. Joan Gomberg asked to see a program. Yumei Wang will email the event flyer to the CREW membership for their information. The Board members suggested that for future meetings that all items that require board votes be sent the member
  - c. *Tsunami Evacuation Workshop Update (Yumei Wang lead)* Yumei Wang reported on the status of this project.
  - d. *NEHRP Liaison (Yumei Wang)* US House Bill 3820 will reauthorize the NEHRP program and it is currently being proposed to receive reduces funding.
- e. *Next Quarterly Meeting Program (Lead: Joan Scofield)* The Governance Committee is looking at reinstating a regular schedule. Dates looking at include the week of April 14-15, 2010 (tentative). Location: There needs to be a meeting in northern California, likely San Francisco and see if FEMA Region IX can host to reduce costs. Jim Goltz will be asked to coordinate a forum at the same time as the meeting. There was discussion of cost/benefits and having the CREW Executive Director look at the costs of Northern California/Cascadia versus San Francisco. Yumei Wang suggested that perhaps the Board look into having the next Board meeting in conjunction with the SSA conference in Portland. Jim Bela suggested coordinating the meeting with California Seismic Safety Commission.

## **New Business**

- a. 2010/2011 Work Program Bob Freitag discussed the 2010/2011 Work Program. The quarterly roundtables (different from the Forums) in the future suggested by Andre LeDuc may focus on the cost/benefit.
- b. Discussion of Benefit/Cost Roundtable: Likely to occur in Eugene Oregon. Date: TBD before May.

- c. New Projects The new projects were discussed earlier in the meeting.
- d. Southern California Shakeout John Schelling noted the recent successes of this event ([www.shakeout.org](http://www.shakeout.org)) and suggested that CREW look at being involved in a similar event in the future in the Puget Sound Region.

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**Afternoon Session (~1:45 pm)**

- California Hospitals and Seismic Readiness – (Presenter: Glen Granholm, Essrig Taylor Construction, Inc.) Most seismic legislation in the US and California were generally the result of major seismic event. Glen presented a history of seismic legislation, focusing on those California laws focusing on hospitals. As a result of Senate Bill 1953, approximately 1,100 hospital buildings in California are at seismic risk. He described the hospital building seismic classifications.
- Report on January 12, 2010 Haiti Earthquake Yumei Wang from DOGAMI gave a brief (and timely) presentation on the recent 7.0 earthquake in Haiti.
- Cascadia Subduction Zone Earthquakes & Tsunamis: Impacts on the Healthcare Sector AnnSteeves made a Powerpoint presentation on this topic. She noted that unlike California, the hospitals in Oregon do not have the same level of mandatory seismic upgrade legislation. She discussed the seismic issues for medical facilities.
- John Schelling reported on the recent National Earthquake managers meeting in Boston. John represented CREW at this meeting, noting that CREW is one of the few organizations that involves the private sector.
- Seismic Grant Program Oregon has the first state-based seismic grant program (\$30 million). It is in its early stages, and there are many good project applications out.

The CREW Board of Directors Winter 2010 Quarterly Business Meeting adjourned at 3:00 pm.

Respectfully Submitted,



Steven Charvat, CEM  
CREW Secretary