

Cascadia EarthScope Earthquake and Tsunami Education Program (CEETEP)

Workshop for Teachers, Interpreters, and Emergency Management Educators
October 11-14, 2013

Clatsop Community College, Astoria, OR
<http://ceetep.oregonstate.edu>

Primary room: Columbia Hall 219 (assume this room unless otherwise noted)

Secondary room: Columbia Hall 221 (possibly also study rooms 201 and 224)

Friday, October 11 (Day 1)	
8:30	Coffee, tea, juice, snacks for those who arrive early
9:00	Introductions: CEETEP, EarthScope, Participants, Instructors (Beth Pratt-Sitaula) <u>Please sit with your Action Team. Tables will be marked</u>
10:15	Break (Coffee, tea, juice, snacks)
10:30	Beauty and the Beast: Plate Tectonics and Geological Hazards of the Pacific Northwest (Bob Lillie)
12:00	Thoughts/questions/reflection (Bob Lillie, Beth Pratt-Sitaula)
12:15	Lunch (Served in Columbia 221). You may eat in either room or other appropriate places around CCC.
1:00	Basics of Earthquake and Tsunami Science and Hazards and Related Teaching Activities (Bob Butler, Bonnie Magura, Roger Groom)
3:15	Break (Coffee, tea, juice, snacks)
3:30	Preparedness for Distant Tsunami and Surviving an Earthquake (Pat Corcoran, Bob DeGroot)
4:30	Forms: Reimbursements; Stipends; Photo Permissions; Logistics for Day 2 Field Trip (Nancee Hunter, Beth Pratt-Sitaula)
4:45	Reflection, Questions, Implications (Pat Corcoran, Beth Pratt-Sitaula)
5:30	Adjourn

Saturday, October 12 (Day 2)		Field Trip Activities	
8:30	Coffee, tea, juice, snacks for those who arrive early		
9:00	Depart Clatsop Community College for Field Trip (designated car pools will be arranged Day 1)		
9:15	Stop 1: Tongue Point Coast Guard Station GPS Station (Beth Pratt-Sitaula)	<u>GPS Station</u>	Visit component of EarthScope Plate Boundary Observatory (PBO) and discuss what measurements tell us about earthquake hazard.
9:45	Drive to Long Beach		
10:45	Stop 2: Long Beach (Bob Lillie; Pat Corcoran)	<u>Beauty and the Beast; Extreme Evacuation Challenges</u>	Brainstorm about interpretive opportunities and overcoming challenging tsunami evacuation sites.
11:45	Drive to Ilwaco		
12:00	Lunch at One Pacific Coast Bank on Ilwaco waterfront		
12:45	Stop 3: Ilwaco Evacuation Walk (Pat Corcoran)	<u>Tsunami Evacuation Route</u>	We will walk the actual evacuation route from Ilwaco waterfront. Includes time to think about and discuss hazards, infrastructure, solutions.
1:45	Drive to Niawiakum River and Toilet Break at Goose Point Oyster		
2:30	Stop 4: Niawiakum River (Brian Atwater, Bob Butler)	<u>Tsunami Geology</u>	Core for tsunami sand and discuss the varied evidence used to determine Cascadia's Great Quake and tsunami history.
4:30	Drive back to Clatsop Community College		
5:30	Adjourn		

Sunday, October 13 (Day 3)	
8:30	Coffee, tea, juice, snacks for those who arrive early
9:00	Cascadia Earthquakes and Tsunami and Related Teaching Activities (Bob Butler, Bonnie Magura, Roger Groom) <u>Please sit with your Action Team. Tables will be marked</u>
10:30	Break (Coffee, tea, juice, snacks)
10:45	Cascadia Earthquakes and Tsunami and Related Teaching Activities (Bob Butler, Bonnie Magura, Roger Groom)
12:00	Thoughts/questions/reflection (Bob Butler, Bonnie Magura, Roger Groom)
12:15	Lunch (Served in Columbia 221). You may eat in either room or other appropriate places around CCC.
1:00	Preparedness and Surviving Local Tsunami Event (Althea Rizzo)
1:45	Native American Oral Histories (Beth Pratt Sitaula)
2:30	Exchange of Pedagogies: Interpreting the "Beauty and the Beast" Story along the Cascadia Coast (Bob Lillie)
3:00	Break (Coffee, tea, juice, snacks)
3:15	Reflection, Questions, Implications (Pat Corcoran, Beth Pratt-Sitaula)
4:00	Action Teams: Interpretive Program Development. Teams work on 10-minute interpretive program that they will present on Day 4.
5:30	Adjourn

Monday, October 14 (Day 4)		
8:30	Coffee, tea, juice, snacks for those who arrive early	
9:00	Digital Resources (Beth Pratt-Sitaula, Bob DeGroot)	
9:45	Preparedness for Post-event Personal and Community Survival (Althea Rizzo)	
10:30	Break (Coffee, tea, juice, snacks)	
10:45	Break Out Sessions	Room 221 (small room) Room 219 (big room) Tsunami Vertical Evacuation Hazard Inventory (Bonnie Structures (Roger Groom) Magura, Althea Rizzo) <u>Teachers</u> <u>Interpreters & EM</u> <u>Educators</u>
11:25	Break Out Sessions	Room 221 Room 219 Tsunami Vertical Evacuation Hazard Inventory (Bonnie Structures (Roger Groom) Magura, Althea Rizzo) <u>Interpreters & EM</u> <u>Teachers</u> <u>Educators</u>
12:00	Lunch (Served in Columbia 221). You may eat in either room or other appropriate places around CCC.	
12:45	Action Teams: Interpretive Program Presentation. Each group presents their 10-minute Interpretive Programs. Discussion after each about content and efficacy.	
2:15	Break (Coffee, tea, juice, snacks)	
2:30	Action Teams: Collaboration and Share-a-Thon Plans. Collective discussion about the task, schedule, and logistics for each Action Team to develop their March 8, 2014 Share-a-Thon products	
4:15	Post-Workshop Assessment (Michael Coe, Beth Pratt-Sitaula). Focus groups will be held by educator type (teachers, interpreters, EM educators. When you are not in a focus group, you will be taking the post-workshop survey.	
5:30	Adjourn	