



ECA Bay Area Regional Workshop

Wednesday, August 15th

General Meeting 9:00am – 12:30pm

Alameda County Office of Emergency Services

4985 Broder Blvd.

Dublin, CA 94568

- I. Earthquake Swarms and Other Sources of Rock and Roll in the Greater Tri-Valley - presented by Dr. David Schwartz, USGS Emeritus. David shared information on earthquakes that have happened in the Dublin/Alameda County areas from the 1800s to the present date, including information about liquefaction and other potential hazards which may exacerbate earthquake risk. Earthquake swarms on the Calaveras Fault and a system of faults along the Bay Area including Concord Fault and Green Valley. Energetic sequence of small earthquakes that occur over days, weeks, or months. Oldest swarm in the San Ramon Valley was in 1970 but may have been going on longer than that. Swarms occur on small faults on small patches of crust. Stress in the area is high; that's what the swarms tell us by producing these small earthquakes. This does not necessarily relieve stress leading to "the Big One". Deepest swarm in the area – 12 or 13 kilometers – typically average 7 or 8 kilometers in depth.
- II. Strategies for Engaging Your Communities in the 2018 ShakeOut – presented by Mark Benthien, ECA Executive Director. Mark shared ways that businesses and organizations can participate in ShakeOut in the Bay Area.
- III. Mini Award Recipients Present Their Projects
 - a. Sarah Jones, Oakland Technical High School shared her project to prepare the high school campus and community.
 - b. Ann Hepenstal, City of Los Altos, shared their business emergency preparedness cards.
 - c. Walter Delson, Easy Does It Emergency Services, presented their Emergency Preparedness for People with Disabilities Program.
 - d. Jan Woycheshin and Bella Comelo, City of San Leandro, presented the senior preparedness kit that will go to homebound seniors and will assist them in being independent in their homes.
 - e. Ann Valliant, Strawberry Creek Lodge Tenants Association, presented their "Grab and Go Bag" project for independent living tenants.
- IV. Geospatial Decision-Making Using the HayWired Scenario, presented by Phil Beilin (CA GIS Council Chair and Dale Cox (USGS). Dale discussed fire following earthquake, and water issues related to putting out those fires and supplying water to residents. Phil Beilin discussed actionable decision-making – creating partnerships that help with data gathering, and systems that are interoperable for data-sharing. Need to have people who actually use the tools and can share that information, creating a network of data to share information. Can pre-stage geospatial data locally (parcels, bldg. footprints, vulnerable populations, etc), copy incident data locally from the Cloud, learn and bookmark authoritative sources of data (CalOES, USGS, NOAA, CDPH, CALEPA), continue to develop air coordination and imagery coordination. Exercise: Examples of data-sharing in your municipality. Map of senior care facilities, child care facilities, where faults are located, areas of liquefaction. Dena Gunning: Have a paper map available for the affected area, easier to layer on schools, utilities, etc and overlay other filters as well. Key is to have partnerships for public safety mapping. For the Hayward fault, all the cities should share data in a secure web environment to see certain kinds of information to create a capability to see other cities and what's in your neighboring cities to see the regional picture.
- V. Alameda County Emergency Services update, presented by Terri Langdon (Alameda County Sheriff's Office, Office of Emergency Services). Terri shared that there are 14 cities within Alameda County with a variety of needs. Urban Shield will be held September 6-10 and is a major event for the emergency services community.
- VI. Sharing of Earthquake Education, Preparedness, and Resilience Activities:
 - a. Kathy Kimberlin – coordinator for 150th anniversary of Hayward fault – working with Joyce Blueford. Preparedness zone, kids zone, and scientist zone.
 - b. David Schwartz speaking at an Emergency Preparedness fair Sept 29th in San Ramon.

- c. California building officials – role of building officials in emergencies, education emergency managers on what building officials can tell you after a disaster. Building code knowledge and administration. Subject matter experts on dealing with codes. They can help build community resilience. Calo.org under resources tab – use in EOC. Related to disaster recovery and response. CESA conf in Indian Wells.
- d. Skylar Hallgren: Introducing Earthquake Bag, which raised \$100,000 for disaster relief. Earthquake Bag allows you to create a preparedness kit made simple, suiting your exact needs as a household. They are seeking other places to donate their disaster relief fund.
- e. Dena Gunning: Emergency preparedness fair Sept 16 in Fruitvale, with vendors, PG&E, East Bay MUD, etc. 30 day countdown/launch to ShakeOut itself. On ShakeOut day City of Oakland does a DCHO drill for the whole city and residents.
- f. Jennifer Lazo: City of Berkeley will hold the Bay Area media event on ShakeOut day, featuring information fair, the Shaker, and a DCHO exercise.