

# Tsunami Science 2014

Redwood Coast Tsunami Work Group and Cascadia GeoSciences

<http://www.tsu.cascadiageo.org/>

We enlist participants to become part of our “Tsunami Science” field team.

**Our Mission:** Develop field teams and data collection protocols so we can make direct observations of the extent of impact of tsunamis and earthquakes.

## Long Term Goals:

- Maintain field team roster and communications/contact list
- Conduct annual training exercises to keep the team prepared to respond
- Prepare and maintain data collection resource “Pods” (for equipment and survival supplies to make observations)

## Short Term Goals:

- Participate in the 2014 FEMA Cascadia Exercise

We began working together to develop a team to make observations of tsunamis with distant sources. Our team met 3/2012 following a Redwood Coast Tsunami Work Group meeting and later held a field trip in 1/2013 to evaluate possible tsunami observation locations for Del Norte and Humboldt Counties. We also participated in a California Tsunami Field Team Notification Exercise on 3/29/2013. This distant source tsunami field team plan is being further developed.

## 2014 FEMA Cascadia Exercise

Long Story Short, we are taking part in a statewide+ exercise to practice our post-event field team activities as a result of an imaginary Cascadia subduction zone earthquake and local tsunami. This exercise has been designed to help us develop our disaster and post-disaster science observation plans in northern California. We will also be interacting with other groups that are also conducting rehearsals of their disaster response plans.

We are holding an exercise on **May 14, 2014**, sometime around lunchtime. As a field team member, you will be notified that the team has been activated. You will get some directions from someone (we use a hierarchical communication system), go to the “field” to make some observations, and upload your interpreted observations via 2-3 different ways. The “field” observation could be from an actual observation location or from the comfort of your office. Later, you may be contacted by someone again and possibly asked to upload a second observation. Finally, please expect a post exercise survey. We have a number of goals for our exercise and we will review all these details at our upcoming meeting prior to the 5/14 exercise.

We want you volunteers to contact Jay Patton [jayp@cascadiageo.org](mailto:jayp@cascadiageo.org) or Jim Falls [Jim.Falls@conservation.ca.gov](mailto:Jim.Falls@conservation.ca.gov) to notify them of your interest to volunteer for this year’s activity. We will arrange the field team training meeting very soon (during the week of 5/5-5/9). We want to have a local training session to go over what will happen on 5/14, make accounts for the different computer systems (e.g. CGA Basecamp and the Earthquake Clearinghouse “spot on response app.”), etc.