

Ardent Sentry 15 (DOD)/California Capstone 15 (CalOES)/ SoCal Ex 15 (FEMA)

CLEARINGHOUSE PARTICIPATION DIRECTIONS FOR: SPOTONRESPONSE

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WHAT DOES PARTICIPATION WITH SPOTONRESPONSE MEAN

You will view and share Essential Elements of Information in SpotOnResponse with the following applications connected through XchangeCore: ArcGIS Online with XchangeCore Connector, Web EOC, and SpotOnResponse. In addition, you will be able to view information on Google Earth from applications connected with XchangeCore.

What does participation mean?

- Connect to SpotOnResponse
- push data - create new incident or update (1 element/1 time)
- Connect and push data (>1 element or >1 time)
- Check in to notify others you are participating on a field team

PARTICIPATING using SpotOnResponse

These are NOT comprehensive directions on how to use SpotOnResponse, but rather, the minimum steps to follow to participate in the exercise

Detailed directions for using SpotOnResponse found here:

<http://www.californiaeqclearinghouse.org/exercises/2015-national-level-exercise/>

General Work flow for using SpotOnResponse:

Review Clearinghouse exercise play timeline spreadsheet for time/location/incident to report. Please see Directions tab to get started.

Artificially place yourself at one of the locations identified in the exercise spreadsheet. Locations will all be in the vicinity of Cajon Pass or in Los Angeles County

Use the green + button to create a new incident i.e. create report about an earthquake impact that no one has reported yet, or

Click on an existing icon in the vicinity of your location, and add an update i.e. an icon indicates someone has already reported something significant is happening at the location (damaged structure, ground failure, hazard such as downed power line, etc.) and you have new information to report about it.

View GIS layers (model results, hazard zones, infrastructure, etc)

A. CONNECT TO APPLICATION: SPOTONRESPONSE

Go to <https://app.spotonresponse.com> with your Android® phone or tablet, your iPad® or iPhone® or Web Browser and access with your username and password.

No access? Use “Click here” to register for access ... **Project Code: userClearHouse.**

Make sure to turn on Location Services and Pop-Ups or Allow when prompted.

Do NOT use “private” browser mode

If there is no map, use the Tools menu in the upper left corner of the map window, and Set Location, then turn GPS Off.

Use the blue arrow in the upper right corner of the map to return to the main map

B. CUSTOMIZING MAP VIEW FOR EXERCISE

Click on Layers Control icon in upper left corner of SpotOnResponse map window

Turn on Filters; select pre-set filters or create your own

Turn on GIS Layers and select layers of interest e.g. liquefaction zone, fault crossing

Close

Click on Tools icon in upper left corner of SpotOnResponse map window

Profile

Adjust Area Of Interest. The larger the area, the more incidents you will see. When there are a lot of incidents, a distance of 2-5 miles is useful. The map window extent will automatically adjust to show all incidents within the range you set.

Adjust refresh map rate. Generally 180-240 seconds is a good interval. You can also use the green double-arrow button in the app to instantly refresh.

Submit

Click on Blue back arrow in upper right corner of SpotOnResponse map window

C. PUSH DATA

1. Create a new incident

Look at the Clearinghouse Exercise Play Timeline Spreadsheet. Choose the subject of your new incident (road closure, damaged building, HAZMAT incident), and note the location and status that you are to report, if indicated.

Click on Tools icon in upper left corner of SpotOnResponse map window, select Set Location. **Turn off GPS at upper left corner of the map window.** Enter an city/address, and press lookup, set location, or enter a lat long, and Set Location. This will set your artificial location to participate in exercise. Alternatively, you can click on a location on the map to move your location, then click on set location. You **MUST RESET YOUR LOCATION** for every NEW INCIDENT you create, otherwise all of your observations will be at the same location, and appear on top of each other.

If working with GIS layers turned on, see directions below for setting location.

Click on green + button in the upper left corner of map

What: Use drop down list to select appropriate category

Subject: Add short description of incident e.g. liquefaction. Also include short description of location e.g. HWY 10, westbound, near S. Indian Hills BLVD. NOTE: you can use the Display Filters under the Layers menu to filter on key words in the subject field. Pre-set filters are provided, and you may also create and save your own custom filters.

Description: Please provide actionable intelligence about the incident i.e. don't just say that you see liquefaction damaging a road; note in addition name of road/highway, descriptive landmarks or nearest intersection whether or not emergency vehicles can use the road, etc.

Save changes

Close

Use the green double arrow in the upper right corner to refresh the map. The auto refresh rate can be changed in Profile, under the tools menu on the upper left side of the map. You can also improve the refresh rate by using the display filters under the Layers button (upper left side of the map) to limit the number of incident icons that appear on your map.

Use the blue arrow in the upper right corner of the map to return to the main map

2. Update an existing incident

The bars below the map tell you the distance to each incident (pin on the map). When you change your location, the list will always show the incidents closest to you. You may set your Area of Interest in Profile, under the Tools menu.

Click on an existing icon or pin on the map to get a popup window. Click on DETAILS; or, click on one of the bars below the map.

OPTION 1

Click on the pencil icon on the upper left side of the map, then the Update button to enter your observation, and attach additional media, such as photos, .pdf's, files, video, audio, URLs.

EXTRA CREDIT-add photo:

- Search Google Images for relevant photo e.g. fault rupture

- View image

- Copy URL for photo

- Paste URL into update

Click on Submit button

Return

Use the green double arrow in the upper right corner to refresh the map. The auto refresh rate can be changed in Profile, under the tools menu on the upper left side of the map. You can also

You create a new incident in SpotOnResponse associated with an incident on a GIS layer. GIS data is provided by the data owner and is not changed at the source. Rather, improvements or associated data you provide from the field are provided to XchangeCore from which the original GIS data owner can populate or modify their GIS database. GIS data is used for content and location of an XchangeCore Incident (think a building is on fire, you don't change the data about the building, you say it is on fire). That building on fire incident resides on XchangeCore and all observations (pictures of the fire) are on XchangeCore. At the option of the GIS data owner they may update their GIS database (say the building has burned down) based on XchangeCore information you provide when you create an incident in SpotOnResponse.

Set location to <e.g. Cajon Pass>

Turn on GIS layers that are important to what you are doing e.g NASA JPL model results, or Quaternary Faults provided by CGS, Nursing Homes within 10 miles of Cajon pass from CA Dept. of Public Health, and USGS ShakeMap (see image above)

Next, YOU add the ground-truth information from the field:

Click on point in GIS layer and a white box will open and display attributes associated with that feature

Copy lat/long information

Click on green + button, upper left corner of map window, and a dialog box will open

Paste lat/long information into the description field in the dialog box

Use the lat/long information you pasted into the description field to update the lat long fields in the dialog box

Select appropriate incident category from drop down e.g. Incident-Critical Facility for nursing home

Add subject e.g. Nursing home near fault and in high shaking zone

Add Description e.g. observe fractures in ground in nursing home parking lot; liquefaction present and may affect structure

Save changes.