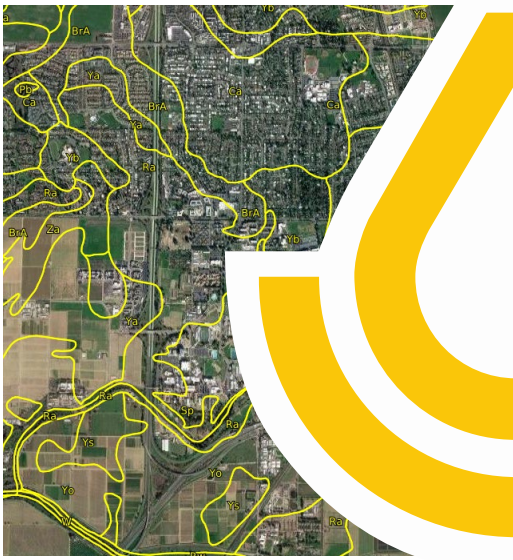
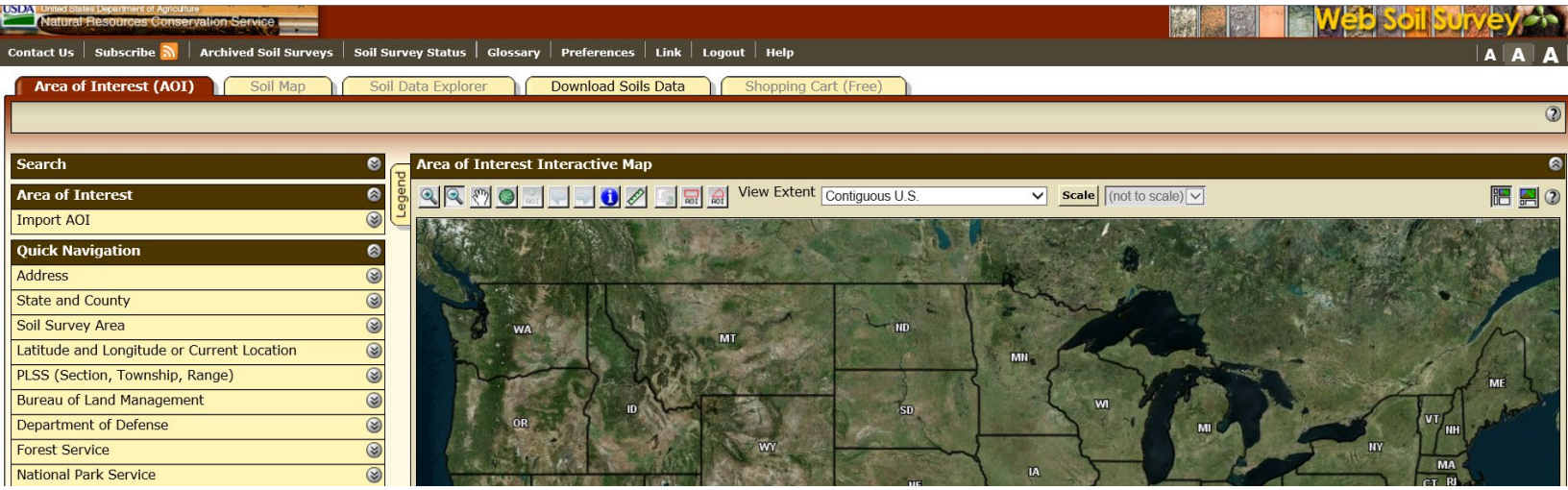
Defining an AOI for Web Soil Survey on a Mobile Device





National Soil Survey Center

Natural Resources Conservation Service

nrcs.usda.gov/

Two Options

Two options are available for defining an area of interest on the Web Soil Survey while using a mobile device.

Option 1

Attach a regular or wireless mouse to the smart device. With a mouse, you can use the **Define AOI** buttons just as you would if using a desktop computer.

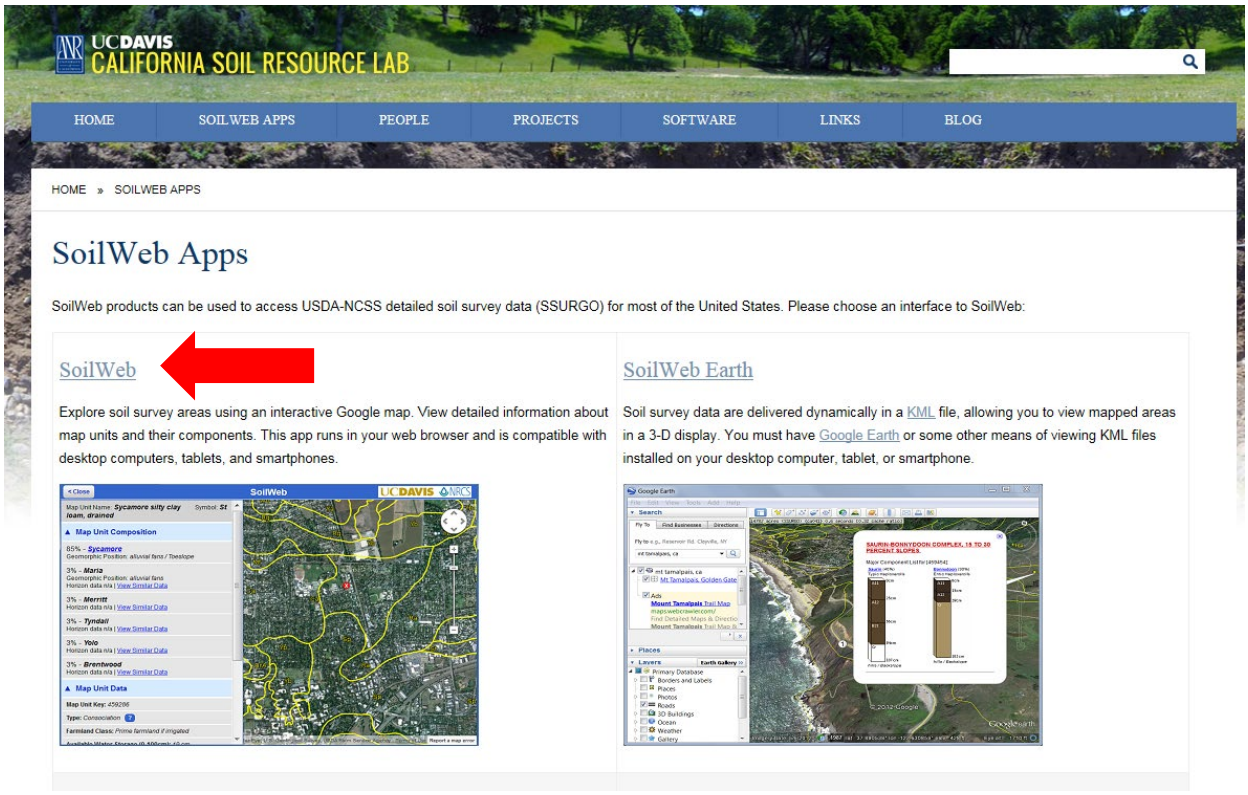
Option 2

Use the web-based SoilWeb app to select a point location. The app can then create an area of interest (AOI) in WSS around that point.

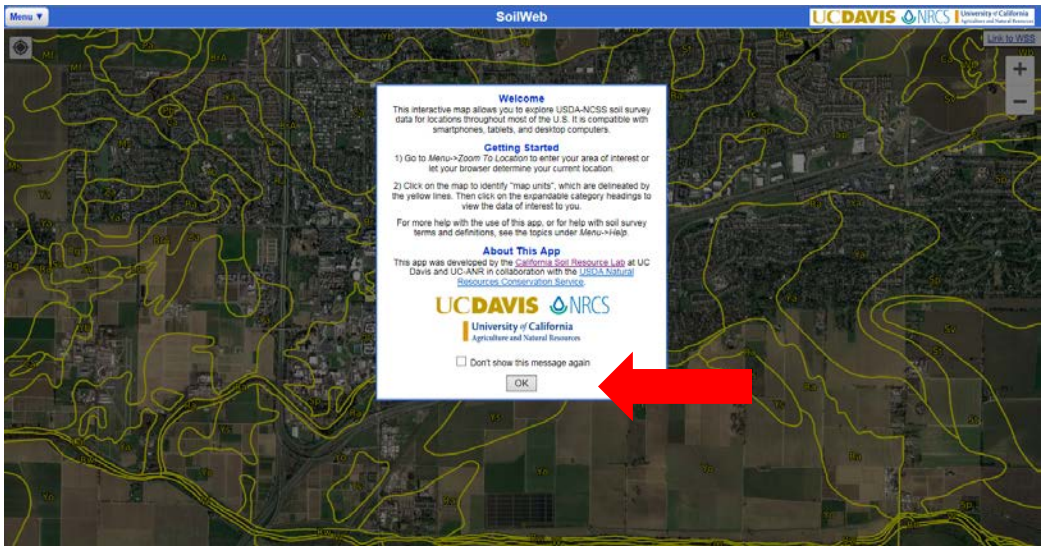
SoilWeb

Access the SoilWeb app using a web browser, such as Chrome, IE, Safari, or Samsung Internet. The app is on the UC Davis California Soil Resource Lab website at https://casoilresource.lawr.ucdavis.edu/soilweb-apps/.

1. Click **SoilWeb**. The application runs from your browser and is not downloaded onto your device.



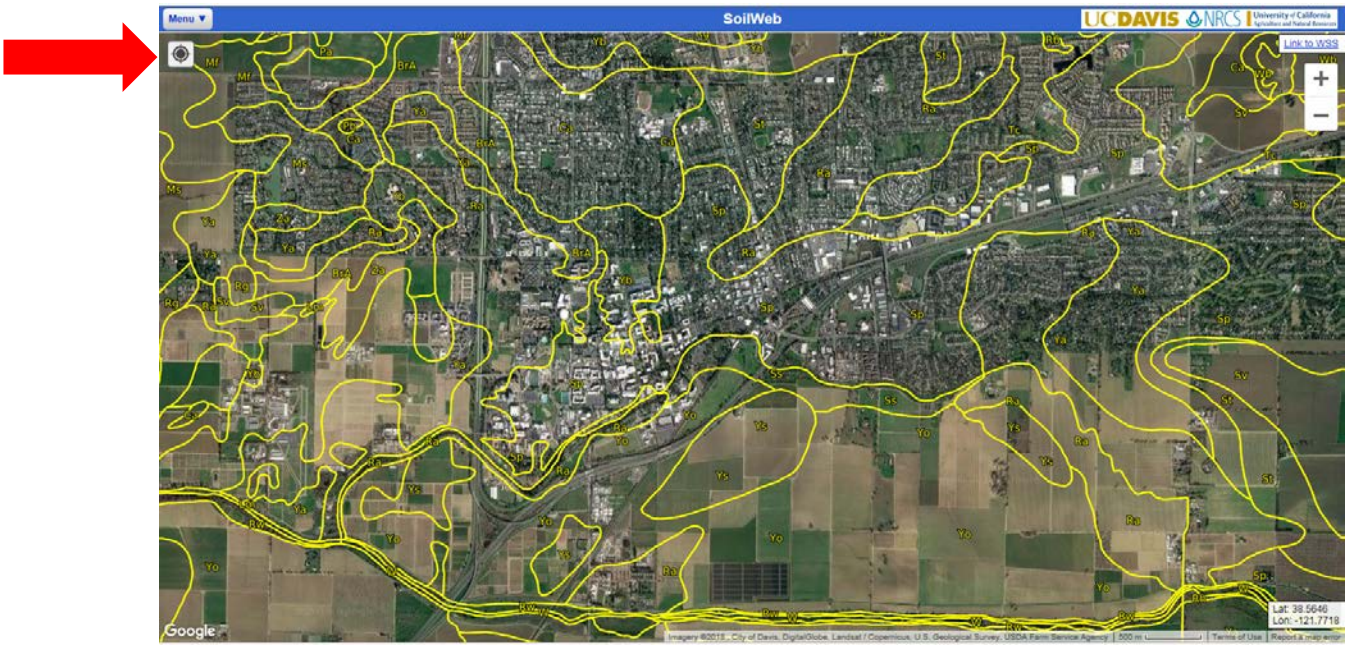
2. Click **OK** in the welcome box.



3. You can pick a location in two ways.
    I. Zoom to My Location (only for devices that have GPS).
    II. Search by Location (address, city/state, zip code, landmark, or latitude/longitude).

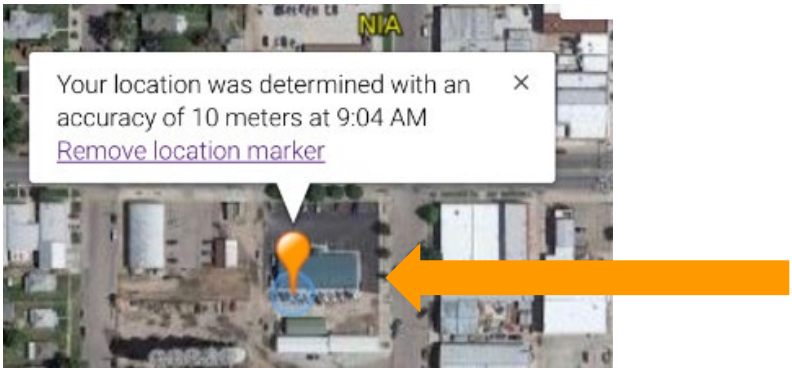
I. Zoom to My Location

1. Click the **Zoom to my location using the current geolocation settings** button in the upper left corner of the map.



2. The following message appears. Make sure to allow permission to determine your location.

3. Once your location is determined, a message appears stating that your location was determined and to what accuracy. Signal strength determines the accuracy; repeating step 1 may increase your accuracy. An orange marker shows your location.

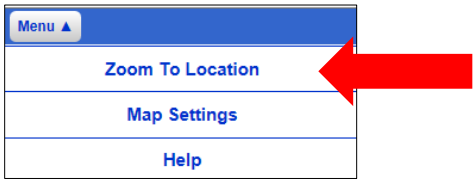


4. After your location is determined, you can (1) continue using the SoilWeb application to get soil information or (2) click **Link to WSS** in the upper right corner of the map to get soil information through WSS. The link creates an Area of Interest (AOI) in WSS. See the section "Web Soil Survey" below.

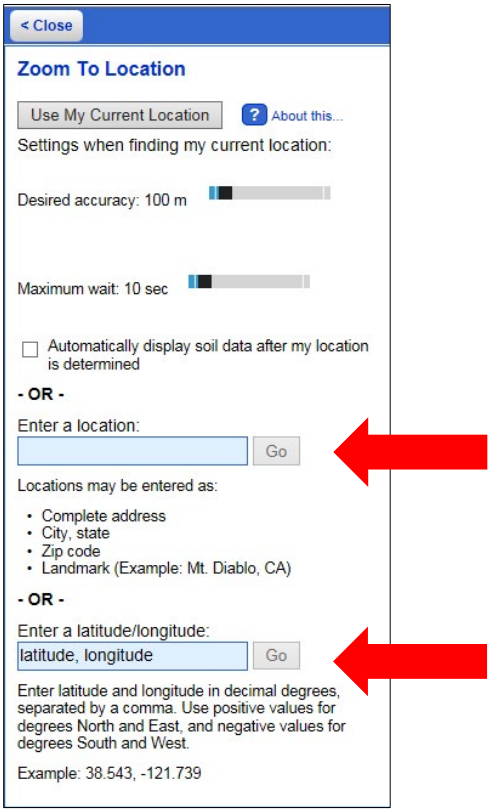
II. Search by Location

1. If you do not use the **Zoom to my location using the current geolocation settings** button, you can search for a location by clicking the **Menu** button

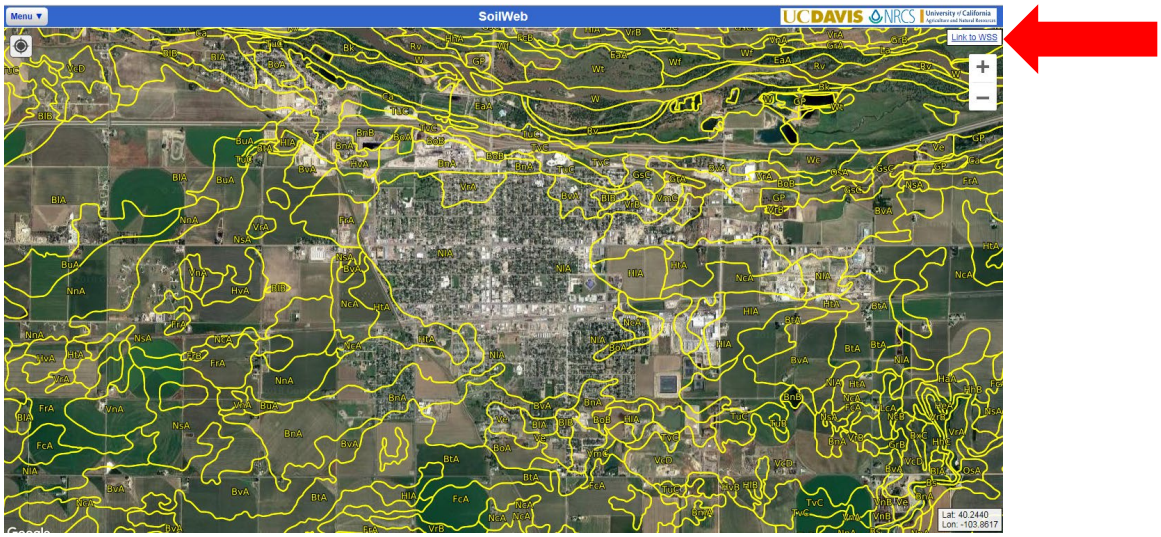
in the upper left-hand corner of the app. Next, select **Zoom to Location**.



2. A search box opens that allows you to enter a location or a latitude and longitude. Choose your search option and click **Go**.



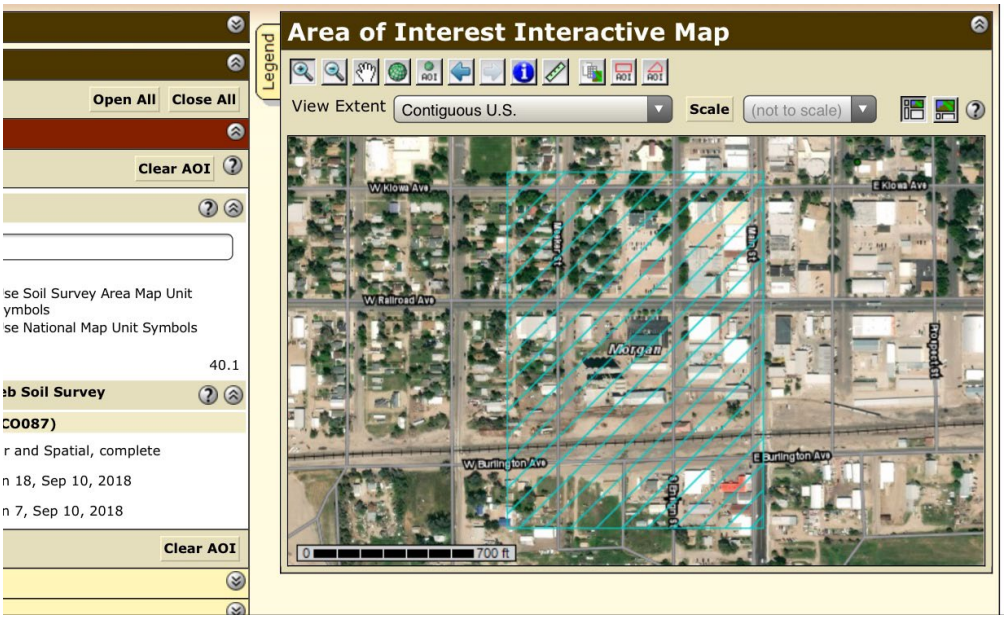
3. A map of the location is displayed. After the map appears, you can (1) continue using the SoilWeb application to get soil information or (2) click **Link to WSS** in the upper right corner of the map to access soil information through WSS. This link creates an Area of Interest (AOI) in WSS. See the section "Web Soil Survey" below.



Web Soil Survey

1. Regardless of which method you use to find a location, the **Link to WSS** button opens the Web Soil Survey in a separate browser window. An AOI is generated around the location. The AOI is outlined in a light blue cross-hatched box.

2. If you need a larger AOI, go back to the SoilWeb application, zoom out, and then click **Link to WSS** again.



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