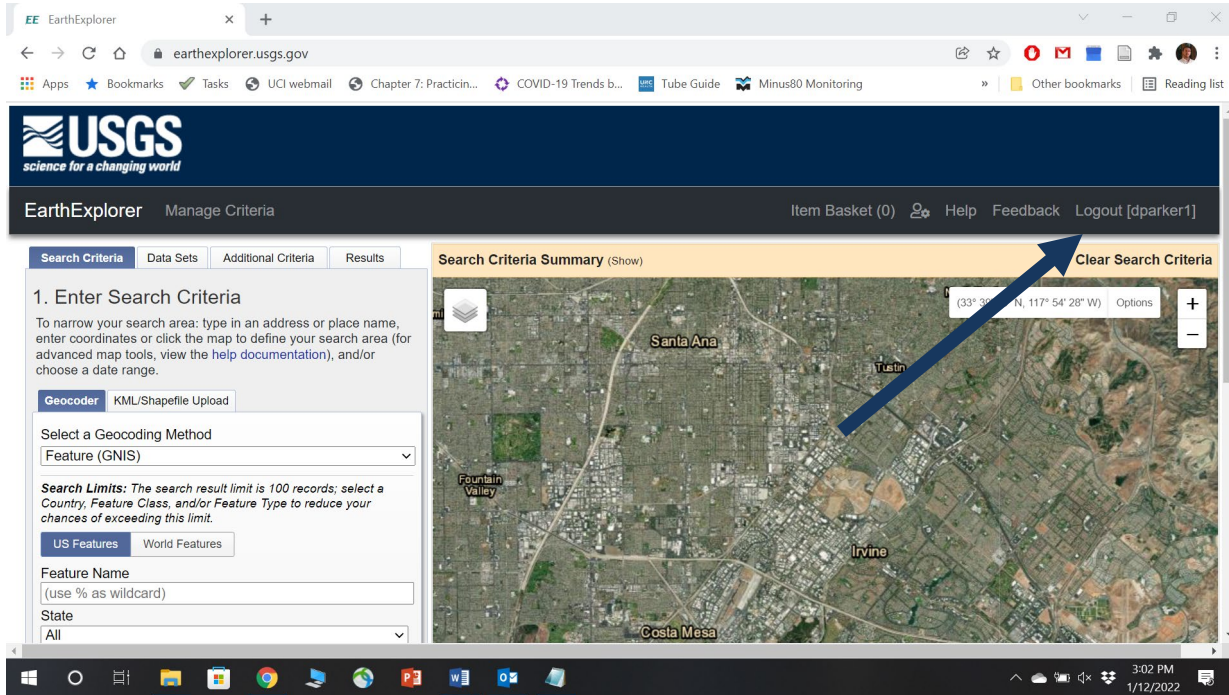
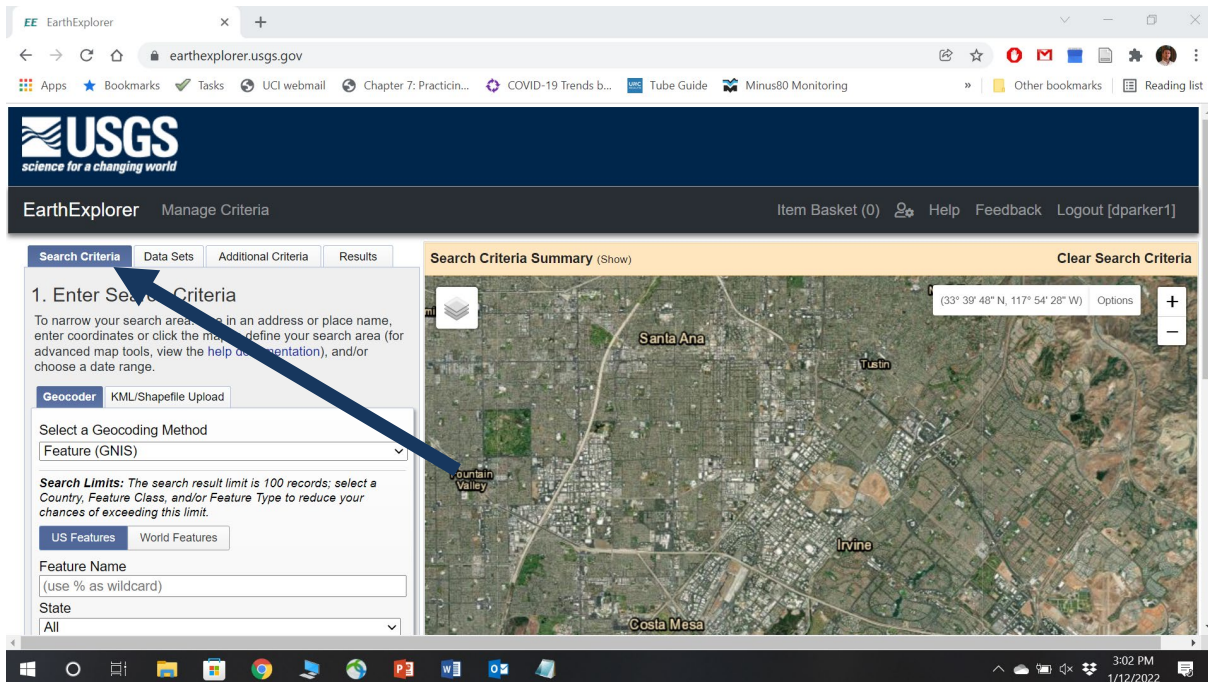


Go to the USGS EarthExplorer website: <https://earthexplorer.usgs.gov/>. Log in with your username and password



From the EarthExplorer page, go to the geographic location for which you'll download elevation data. On the panel on the left side of your screen you should see the "Search Criteria" panel highlighted



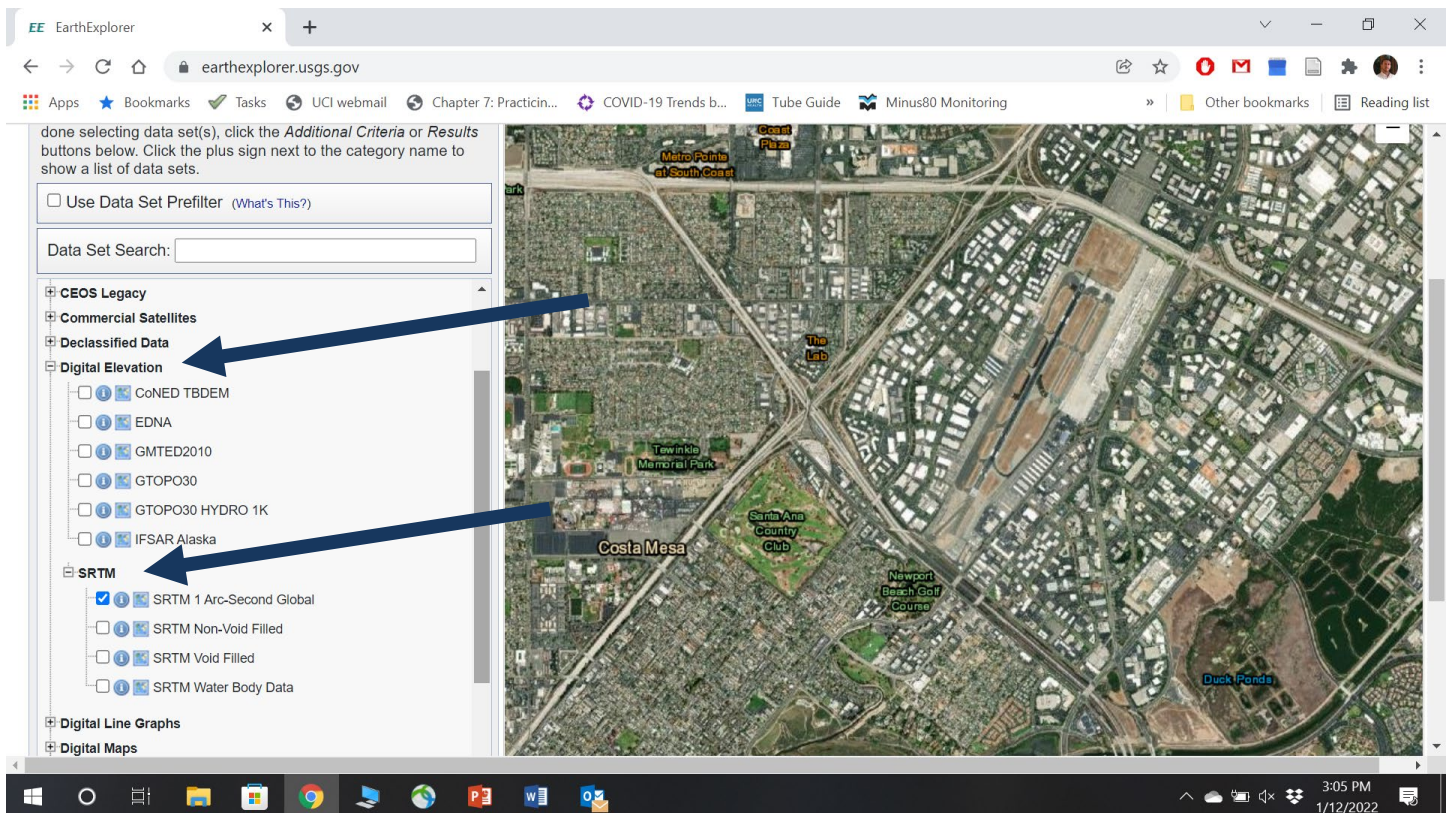
You can either load a shapefile for the area on which you're focusing, OR mark the area using your cursor (click to place a point)

The screenshot shows the EarthExplorer search interface. On the left, the 'Search Limits' section includes a text box for 'Feature Name' (with a note to use % as a wildcard), dropdown menus for 'State' (set to 'All') and 'Feature Type' (set to 'All'), and 'Show' and 'Clear' buttons. Below this, the 'Polygon' tab is selected, showing a list of four coordinates: 1. Lat: 33° 39' 29" N, Lon: 117° 51' 57" W; 2. Lat: 33° 37' 39" N, Lon: 117° 51' 49" W; 3. Lat: 33° 39' 38" N, Lon: 117° 49' 36" W; 4. Lat: 33° 37' 46" N, Lon: 117° 49' 15" W. Buttons for 'Use Map', 'Add Coordinate', and 'Clear Coordinates' are at the bottom of the list. The main map area displays a satellite view of Costa Mesa, California, with four blue location pins placed on the map. The map includes labels for 'Costa Mesa', 'San Joaquin Hills', and 'Newport Coast'. A disclaimer at the bottom of the map area states: 'The provided maps are not for purchase or for download; it is to be used as a guide for reference and search purposes only.'

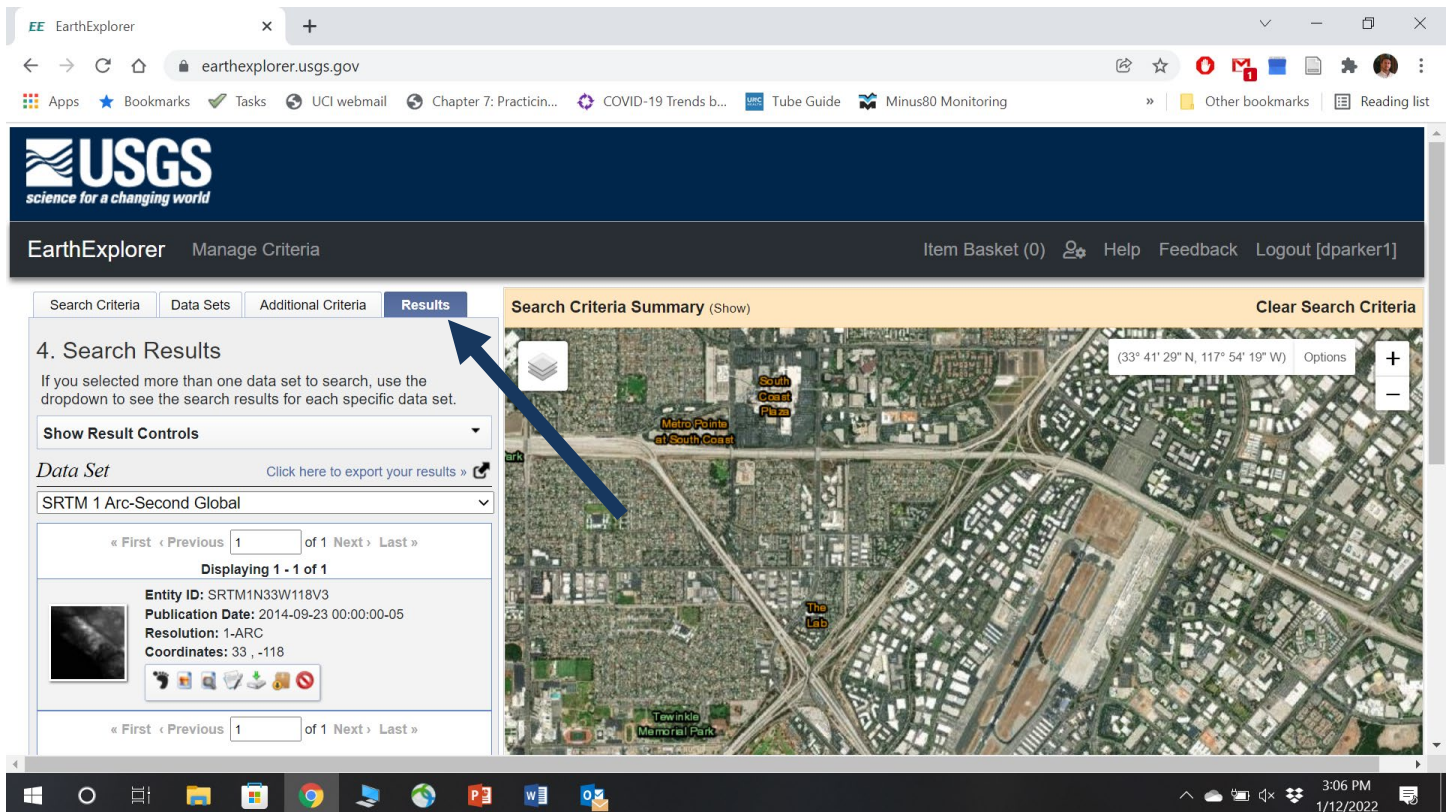
Next select the "Data Sets" tab, immediately to the right of "Search Criteria"

The screenshot shows the EarthExplorer interface with the 'Data Sets' tab selected. The 'Search Criteria' tab is also visible. The 'Data Sets' section includes a 'Data Set Search' text box and a list of data sets. The 'SRTM' category is expanded, showing four sub-items: 'SRTM 1 Arc-Second Global' (checked), 'SRTM Non-Void Filled', 'SRTM Void Filled', and 'SRTM Water Body Data'. A blue arrow points from the '2. Select Your Data Set(s)' instruction to the 'SRTM 1 Arc-Second Global' checkbox. The main map area displays a satellite view of Costa Mesa, California, with a coordinate box showing (33° 41' 13" N, 117° 54' 33" W) and a 'Clear Search Criteria' button. The map includes labels for 'Costa Mesa' and 'Irvine'.

Scroll down and expand the "Digital Elevation" section. Expand the "SRTM" subsection and select "SRTM 1 Arc-Second Global"



Select the "Results" tab to the right of "Data Sets" and "Search Criteria" tabs



For each resulting image, click on the "Download Options" icon and select the GeoTIFF type.

The screenshot shows the EarthExplorer interface with the 'Results' tab selected. On the left, under '4. Search Results', a list of results is displayed for 'SRTM 1 Arc-Second Global'. The first result is highlighted, showing details: Entity ID: SRTM1N33W118V3, Publication Date: 2014-09-23 00:00:00-05, Resolution: 1-ARC, and Coordinates: 33.1, -118. A blue arrow points to the download icon (a square with a downward arrow) in the row of icons below the details.

Search Criteria Summary (Show) Clear Search Criteria

4. Search Results

If you selected more than one data set to search, use the dropdown to see the search results for each specific data set.

Show Result Controls

Data Set [Click here to export your results »](#)

SRTM 1 Arc-Second Global

« First < Previous 1 of 1 Next > Last »

Displaying 1 - 1 of 1

Entity ID: SRTM1N33W118V3
Publication Date: 2014-09-23 00:00:00-05
Resolution: 1-ARC
Coordinates: 33.1, -118

« First < Previous 1 of 1 Next > Last »

The screenshot shows the EarthExplorer interface with the 'Results' tab selected. A 'Download Options' dialog box is open over the map area. The dialog box has a title bar and three buttons, each with a 'Download' label and a file size: 'BIL 1 Arc-second (8.33 MiB)', 'DTED 1 Arc-second (24.78 MiB)', and 'GeoTIFF 1 Arc-second (24.76 MiB)'. A blue arrow points to the 'GeoTIFF 1 Arc-second (24.76 MiB)' option.

Search Criteria Summary (Show) Clear Search Criteria

4. Search Results

If you selected more than one data set to search, use the dropdown to see the search results for each specific data set.

Show Result Controls

Data Set [Click here to export your results »](#)

SRTM 1 Arc-Second Global

« First < Previous 1 of 1 Next > Last »

Displaying 1 - 1 of 1

Entity ID: SRTM1N33W118V3
Publication Date: 2014-09-23 00:00:00-05
Resolution: 1-ARC
Coordinates: 33.1, -118

« First < Previous 1 of 1 Next > Last »

Download Options

Download BIL 1 Arc-second (8.33 MiB)

Download DTED 1 Arc-second (24.78 MiB)

Download GeoTIFF 1 Arc-second (24.76 MiB)

The files will probably go directly to your download folder. Move the files (cut/paste) to another folder on your computer or on an external hard drive. Open QGIS (or other software) and load the files as raster layers.