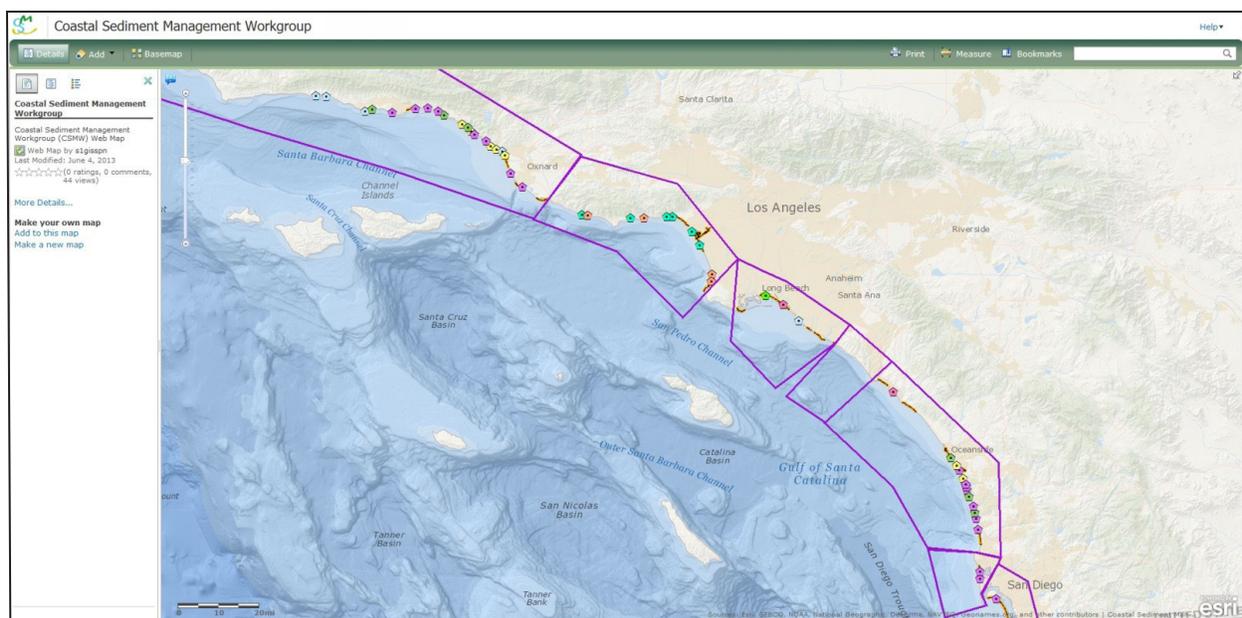


California Coastal Sediment Management Workgroup Web Map

User's Guide

☐ Navigate through this document by using the tools in the browser bar or by clicking the hyperlinks in the *Table of Contents*.

You can also save this file to your workstation by using the browser tools and then view it in Adobe Reader or Adobe Acrobat.



Current as of July 11, 2013 1:18 PM

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Introduction

Welcome to the California Coastal Sediment Management Workgroup (CSMW) web map. The CSMW is a collaborative task force of federal, state, and regional/local entities concerned about the adverse impacts of coastal erosion on the state's coastal habitats and working to implement Regional Sediment Management (RSM) to restore or augment natural processes.

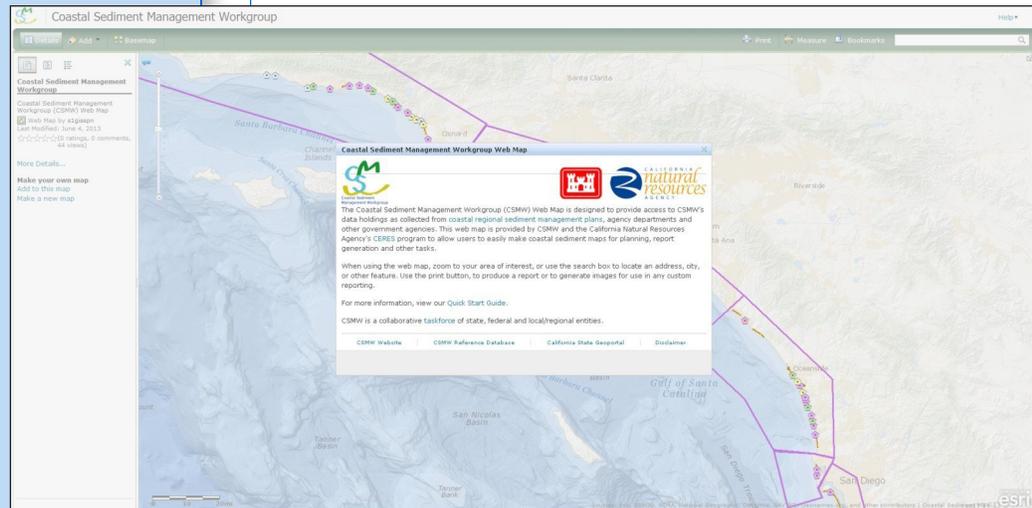
The CSMW web map provides access to the agency's data holdings, which are collected from coastal regional sediment management plans and other government agencies. It is furnished by the CSMW and the California Natural Resources Agency's California Environmental Resources Evaluation System (CERES) to allow users to view and make coastal maps for planning, report generation, and other tasks.

This manual provides an introduction to the CSMW web map.

Opening the CSMW Web Map

1. In a web browser, go to <http://coastalsediment.resources.ca.gov/map/> or, alternatively, to <https://geoplatform.usace.army.mil/home/webmap/CMSWviewer.html?webmap=b3ca0885cf3e420fa6ce01e6c369dcba&ext=nt=-120.7976,32.8611,-116.9442,34.6558>.

The web map opens, and an introductory splash screen displays.



2. Read the information on the splash screen.

The splash screen contains the following links:

- **California Natural Resources Agency**—Website of the California Natural Resources Agency, whose mission is “to restore, protect and manage the state’s natural, historical and cultural resources for current and future generations”
- **California State Geoportal**—Website providing “easy and convenient ways to discover and share geospatial data resources”

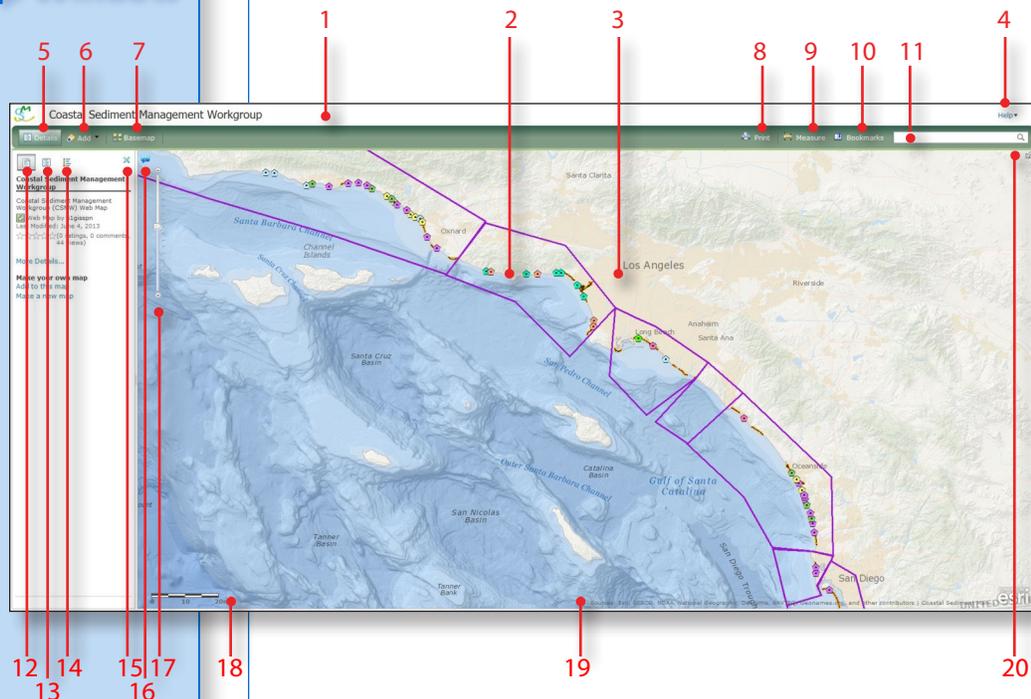
About the Web Map Window

- **CERES**—Website of the California Environmental Resources Evaluation System, an “information system developed by the California Natural Resources Agency to facilitate access to a variety of electronic data describing California’s rich and diverse environments”
- **Coastal Regional Sediment Management Plans**—Region-specific sediment management strategies to help resolve sediment imbalance issues
- **CSMW Reference Database**—California Sediment Master Plan Coastal Sediment Reference Database
- **CSMW Website**—Website of the Coastal Sediment Management Workshop
- **Disclaimer**— CSMW web map disclaimer
- **User’s Guide**—This manual
- **Taskforce**—Links to CSMW member agency websites
- **USACE**—Website of the US Army Corps of Engineers

3. In the upper-right corner of the window, click  (Close).

Note: If, at any time, you need to reread this information, in the upper-left corner of the map click .

The CSMW web map window is comprised of the following items:



1. **Map Title**—Coastal Sediment Management Workshop
 2. **Layer Features**—Visual representations of the geographic datasets selected for display.
For more information, see "Working with Map Layers" on page 10.
 3. **Basemap**—A map that provides background reference information, such as landforms, roads, landmarks, and political boundaries that is used for locational reference and onto which other thematic information is placed.
For more information, see "Selecting a Basemap" on page 9.
 4. **Help**—Displays links to resources providing help for Portal for ArcGIS.
 - **Help Topics**—Displays in a new window with help for Portal for ArcGIS.
 - **Forums**—Displays in a new window with the Forums section of the ArcGIS Resource Center and highlights those topics devoted to the ArcGIS Online.
 - **Blog**—Displays in a new window the Blog section of the ArcGIS Resource Center and highlights those topics devoted to the ArcGIS Online.
 5. **Details Button**—Toggles on and off the Details panel (on the left side of the screen), which provides more information about the map—About this Map, Show Contents of Map, and Show Map Legend.
For more information, see "Enlarge the Map Display Area" on page 7.
 6. **Add Button**—Allows you to search for layers, create an editable layer, and add layers from a file and the web.
For more information, see "Search for and Add a Layer" on page 19.
 7. **Basemap Button**—Allows you to select a basemap—Imagery, Imagery with Labels, Streets, Topographic, Terrain with Labels, Light Gray Canvas, National Geographic Oceans, OpenStreetMap, Bing Maps Aerial, Bing Maps Hybrid, and Bing Maps Road—for your map.
For more information, see "Selecting a Basemap" on page 9.
 8. **Print Button**—Displays the map—exactly as it is displayed on your screen—in a new window, so you can print it.
- Note:** Printing is not currently supported.

- 9. Measure Button**—Allows you to find the location, distance, or area of a selected feature.

For more information, see “Measuring” on page 22.

- 10. Bookmarks Button**—Provides a list of shortcuts to map locations.

Non-US Army Corps of Engineers can create and use, but not save, bookmarks. For more information, see “Using Bookmarks” on page 25.

- 11. Find Address or Place**—Relocates and centers the map on the specified place.

For more information, see “Find a Location” on page 22.

- 12.  (About this Map)**—Displays information about the current map.

For more information, see “Display Map Metadata” on page 12.

- 13.  (Show Contents of Map)**—Lists all map layers.

For more information, see “Working with Map Layers” on page 10.

- 14.  (Show Map Legend)**—Displays the map's legend.

For more information, see “Display Layer Legends” on page 11.

- 15.  (Close)**—Closes a panel or dialog.

- 16.  (Splash Screen)**—Displays the initial CSMW splash screen.

For more information, see “Opening the CSMW Web Map” on page 3.

- 17. Slider**—Allows you to enlarge and reduce the map size.

For more information, see “Zoom In and Out” on page 8.

- 18. Scale**—Displays the map's scale.

For more information, see “Zoom In and Out” on page 8.

- 19. Sources**—Identifies the source(s) of the map's data.

- 20.  (Show Map Overview)/ (Hide Map Overview)**—Displays/hides a pop-up window locating the portion of the map displayed on the screen within the context of a larger portion of the map.

For more information, see “Display an Overview Map” on page 8.

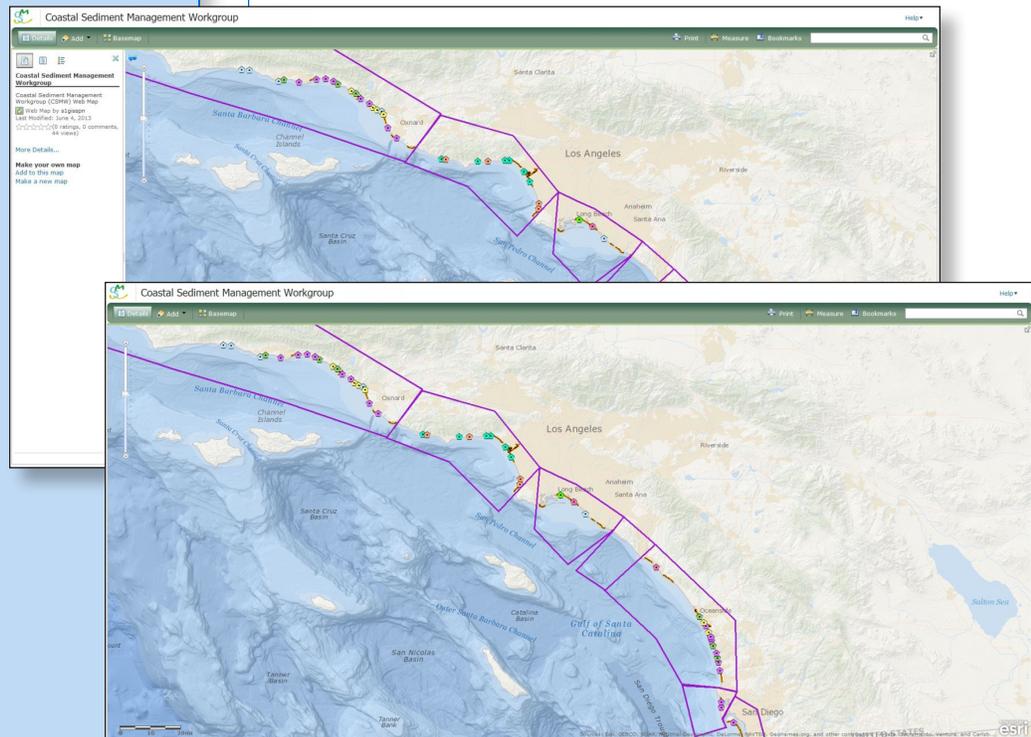
Manipulating the Map Display

Enlarge the Map Display Area

There are several ways to change the appearance of the map display, including enlarging the map display area, moving around on the map, and changing the map scale.

Turning off the Details panel allows you to display more of the map on the screen:

- **Turn off the Details Panel**—Click the  Details button or, in the upper-right corner of the Details panel, click  (Close).
- **Turn on the Details Panel**—Click the  Details button again.



Move Around on the Map

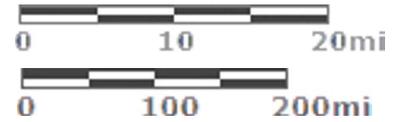
You can move around on the map in the following ways:

- **Keyboard**—Use the keyboard arrow keys.
- **Mouse**—Hold down the left mouse button and drag the map.

Zoom In and Out

You can make the map larger or smaller in the following ways.

Note: Regardless of the method used, the scale in the lower-left corner always indicates the ratio between the map and the ground.



- **Mouse**—Scroll the mouse wheel up to make the map larger or down to make it smaller.
- **Mouse**—Double-click on the map to enlarge it by 200% (and center it on the point you clicked).
- **Mouse and Keyboard**—Holding down the SHIFT key and the left mouse button, draw a box on the map to enlarge the map; the smaller the box, the larger the zoom.
- **Mouse and Keyboard**—Holding down the SHIFT and CTRL keys and the left mouse button, draw a box on the map to reduce the map; the smaller the box, the larger the zoom.
- **Slider Bar**—Drag the box on the slider bar up to make the map larger or down to make it smaller.
- **Slider Bar Buttons**—Click the  at the top of the slider bar to make the map larger, or click the  at the bottom of the slider bar to make it smaller.

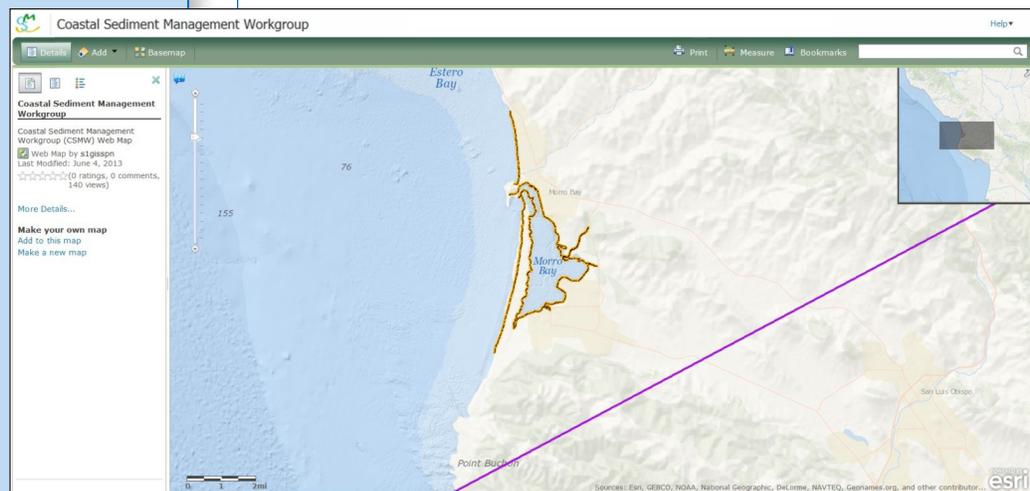


Display an Overview Map

At times, when the map is zoomed in very close, it is helpful to display an overview map, which provides a context for the larger map.

1. In the upper-right corner of the map, click the  (Show Map Overview) icon.

The gray rectangle in the inset overview map identifies the context of the larger map.



2. Click the  (Hide Map Overview) icon to close the overview map.

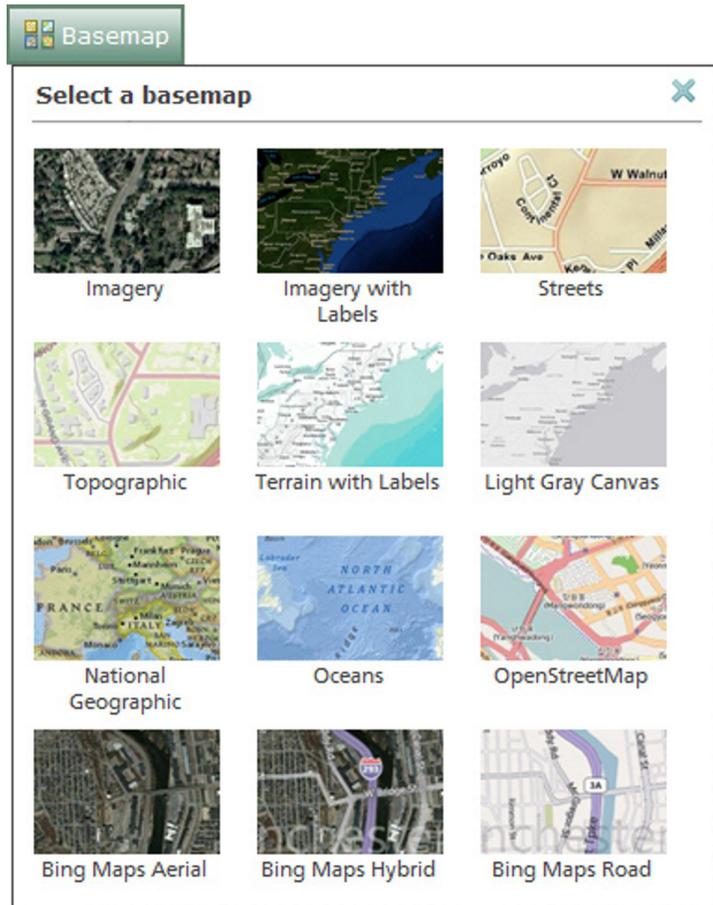
Selecting a Basemap

A basemap is a map that provides background reference information—such as landforms, roads, landmarks, and political boundaries—that is used for locational reference and onto which other thematic information is placed.

To change the CSMW basemap, click the  Basemap button and, from the visual pop-list, select a basemap.

Twelve different basemaps are available for selection. The default basemap is Ocean.

- **Bing Maps Aerial**—Worldwide orthographic aerial and satellite imagery; no labels.
- **Bing Maps Hybrid**—Worldwide orthographic aerial and satellite imagery overlaid with roads and labels.
- **Bing Maps Road**—Street-level data for 67 countries/regions; labels.
- **Imagery**—High-resolution aerial imagery for the United States, Great Britain, and metropolitan areas around the world; low-resolution satellite imagery for the rest of the world; no labels.
- **Imagery with Labels**—Same as Imagery but with labels.



Working with Map Layers

Display the Contents Panel

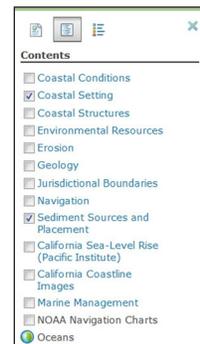
Turn Map Layers On and Off

- **Light Gray Canvas**—Neutral background and minimal colors, so attention is drawn to the map's thematic content, not the basemap; street/highway and some other labels.
- **National Geographic**—Highly detailed world map using National Geographic's cartographic design and typographic style; administrative boundaries, protected areas, highways, roads, railways, water features, buildings, and landmarks overlaid on shaded relief and land cover imagery; labels.
- **Oceans**—Bathymetry with marine water body names, undersea feature names, and some other labels as well as derived depth values in meters.
- **OpenStreetMap**—Live tiled map service from the Esri collaborative OpenStreetMap (OSM) project; labels.
- **Streets**—Comprehensive worldwide street map with street-level data for the United States, Canada, and several European countries and highway-level data for the rest of the world. Shaded relief background; labels.
- **Terrain with Labels**—Worldwide shaded relief imagery, bathymetry, and coastal water features with roads, political boundaries, and place names.
- **Topographic**—Detailed topographic map for the world, including boundaries, cities, water features, physiographic features, parks, landmarks, transportation, buildings, and other features overlaid on land cover and shaded relief; labels.

When you first open the Coastal Sediment Management Workgroup map, two layers display by default: Coastal Setting and Sediment Sources and Placement. Both are indicated by a (check mark).

The Contents panel lists all layers (and sublayers) available for display on the map.

- **Display the Contents Panel**—Click the  (Show Contents of Map) button.
- **Turn a Map Layer On**—Click the to the left of a layer name.
- **Turn a Map Layer Off**—Click the to the left of a layer name.



Note: Turning a map layer on does not automatically turn on all sublayers. However, even if a sublayer is turned on, it does not display unless the parent layer is turned on.

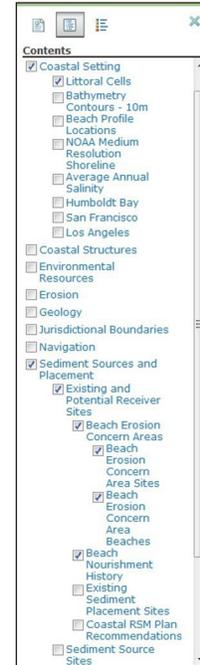
Display Sublayers

Many layers consist of sublayers. For example, the Sediment Sources and Placement layer includes two sublayers:

- Existing and Potential Receiver Sites
- Sediment Source Sites

Both of these layers, in turn, consist of additional sublayers.

- **Expand a Layer to Display its Sublayers**—In the Contents panel click the map layer name.
- **Hide Sublayers**—In the Contents panel click the map layer name again.



Display Layer Legends

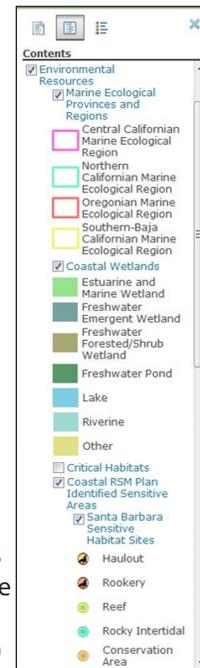
Map legends explain the graphics or symbols used by each layer.

According to this legend, various colored outlines identify marine ecological provinces and regions, various colored filled shapes identify coastal wetlands, and various symbols identify Santa Barbara sensitive habitat sites.

- **Display the Legend of Individual Layers or Sublayers in the Contents Panel**—Click the layer's or sublayer's name link.

Note: Only layers or sublayers without any additional sublayers underneath them can display legends.

- **Display the Legend of all Selected Layers and Sublayers**—In the Details panel click the  (Show Map Legend) button.



Display Map Metadata

1. At the top of the map's Details panel, click  (About this Map).

The panel displays the map's name, short description, author, and last modification date; its rating as well as the number of ratings, comments, and views; and a More Details link.



The More Details link opens the map page (not the map itself) in the USACE Geospatial Platform where, in addition to the map name, short description, author, last modification date, rating, number of ratings, and number of views, a longer description, access and use constraints, a complete list of map contents (with links), tags, credits, size, extent, and comments are also displayed.

Coastal Sediment Management Workgroup



Coastal Sediment Management Workgroup (CSMW) Web Map

Web Map by s1gisspn

Last Modified: June 4, 2013

☆☆☆☆☆ (0 ratings, 141 views)

Sign in to rate this item.

[Open](#)

Description

The Coastal Sediment Management Workgroup (CSMW) Web Map is designed to provide access to CSMW's data holdings as collected from , agency departments and other government agencies. This web map is provided by CSMW and the California Natural Resources Agency's program to allow users to easily make coastal sediment maps for planning, report generation and other tasks.

When using the web map, zoom to your area of interest, or use the search box to locate an address, city, or other feature. Use the print button, to produce a report or to generate images for use in any custom reporting.

For more information, view our [state, federal and local/regional entities](#).

Access and Use Constraints

Map Contents

Coastal Structures:
http://atlas.resources.ca.gov/ArcGIS/rest/services/Ocean/CSMW_Coastal_Structures/MapServer

Environmental Resources:
http://atlas.resources.ca.gov/ArcGIS/rest/services/Ocean/CSMW_EnviroResources/MapServer

Erosion:
http://atlas.resources.ca.gov/ArcGIS/rest/services/Ocean/CSMW_Erosion/MapServer

Geology:
http://atlas.resources.ca.gov/ArcGIS/rest/services/Ocean/CSMW_Geology/MapServer

Jurisdictional Boundaries:
http://atlas.resources.ca.gov/ArcGIS/rest/services/Ocean/CSMW_Jurisdictions/MapServer

Navigation:
http://atlas.resources.ca.gov/ArcGIS/rest/services/Ocean/CSMW_USACE_Navigation_Channels/MapServer

Sediment Sources and Placement:
http://atlas.resources.ca.gov/ArcGIS/rest/services/Ocean/CSMW_Sediment/MapServer

California Sea-Level Rise (Pacific Institute):
http://atlas.resources.ca.gov/ArcGIS/rest/services/Ocean/CSMW_Potential_Sea_Level_Rise_Impacts/MapServer

California Coastline Images:
http://155.82.160.6/arcgis/rest/services/Imagery/CSMW_CaliforniaCoastlineImages/MapServer

Marine Management:
http://imaps.dfg.ca.gov/ArcGIS/rest/services/Project_Marine/Marine_Management/MapServer

NOAA Navigation Charts:
http://egisw02.nos.noaa.gov/ArcGIS/rest/services/RNC/NOAA_RNC/ImageServer

Oceans:
https://services.arcgisonline.com/ArcGIS/rest/services/Ocean_Basemap/MapServer

Properties

Tags

Coastal, Sediment, Management, Webmapper, CSMW, Beach, Beaches, Erosion, Nourishment, Legacy Dredging, Dredging, Volumes, Districts, Barriers, Structures, Sea Level Rise, SLR, Hazard, 35", flood, baseline, Coastal Zone, Boundary, Administrative, Congressional, Geologic, Geology, Watersheds, California, San Francisco, Littoral Cells, Littoral, Monterey, Sanata Barbara, Ventura, San Diego, Los Angeles, Orange County, Sand, Sand Deposits, Dams, Wetlands, Critical Erosion, Placement, Disposal, Borrow, Receiver, Birds, Habitat, Fish, Aquatic, Vegetation, Invertebrates, Marine, Mammals, Nests, Raptiles, Shoreline, Shoreline Change, Threatened, Endangered, Species, Marine Protected Areas, MPAs, MPAs, Navigation, Channels, Shalebeds, Port Facilities, LIDAR, USACE, CGS, FWS, DFG, NOAA, EPA, CA, Vegetation, Eelgrass, BECA, Environmental, Transportation, NHD, Bathymetry

Credits

Size: 140 KB

Extent: Left: -119.83 Right: -117.03
Top: 34.47 Bottom: 32.68

Comments (0)

Sign in to add a comment.

2. Click the browser's back button to return to the CSWM web map.

Display Layer Metadata

Use the following procedure to display a limited description of each layer. Full metadata for all layers is available from the California State Geoportal (<http://portal.gis.ca.gov/geoportal/>).

Note: The description can be viewed whether or not the layer is currently displayed on the map.

1. At the top of the Details panel, click the  (Show Contents of Map) button.

2. In the Contents panel, hover over the layer name.

An  displays to the right of the layer name.

3. Click the  button.

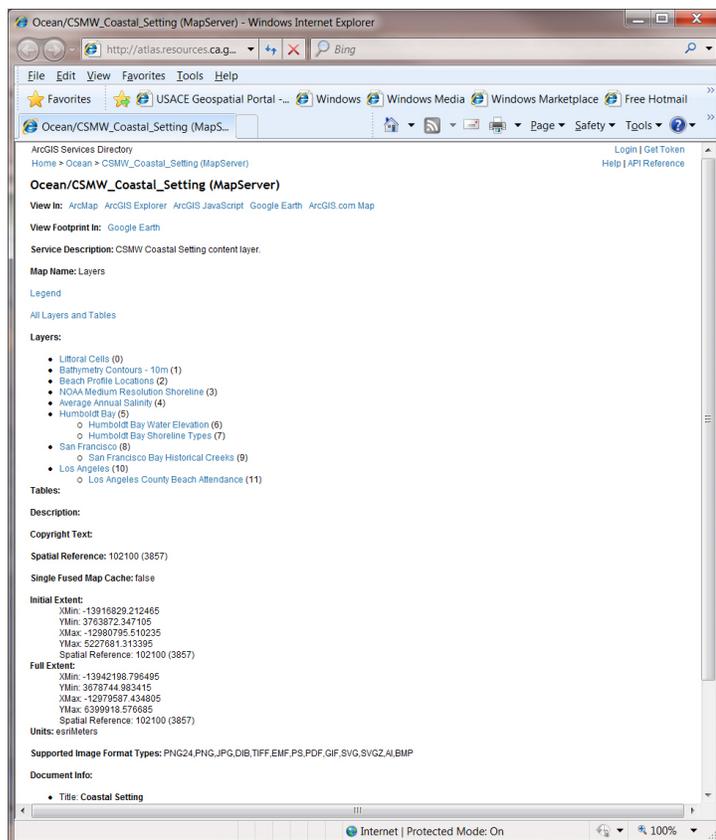
A pop-up menu displays.



4. From the pop-up menu, select Description.

A new window provides metadata for the selected layer.

The following graphic shows part of the description for the Coastal Setting layer.



5. Click the  (Close) button to close the window or, while holding down the ALT key, press TAB to toggle between this window and the map.

Display a Sublayer Description

Use one of the following procedures to display a sublayer description.

Note: The description can be viewed whether or not the sublayer is currently displayed on the map.

Method 1

1. At the top of the Details panel, click the  (Show Contents of Map) button.

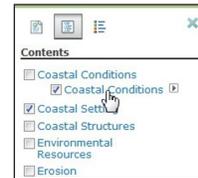
2. In the Contents panel, hover over the sublayer name.

An  displays to the right of the sublayer name.

3. Click the  button.

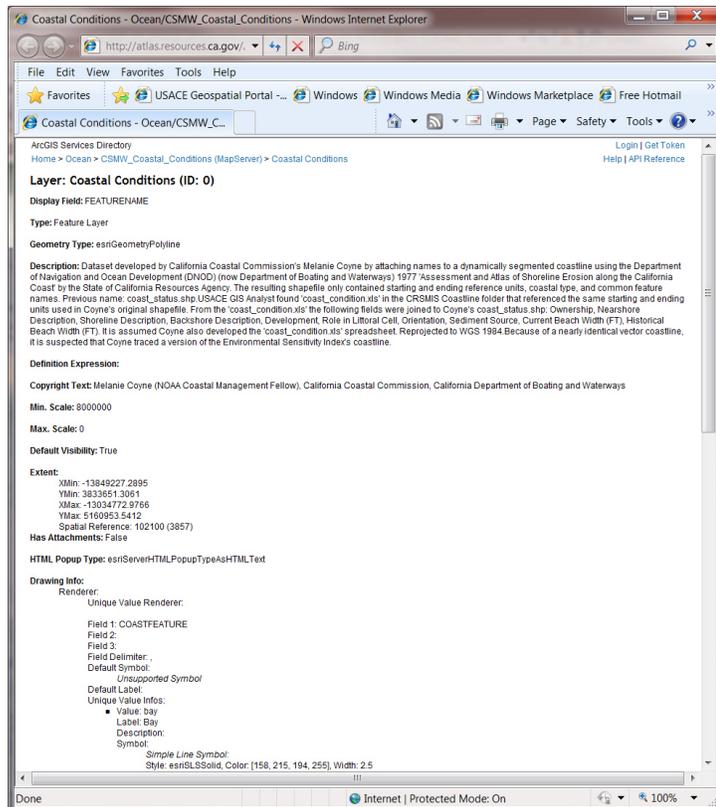
A pop-up menu displays.

4. From the pop-up menu, select Description.



A new window provides metadata for the selected sublayer.

The following graphic shows part of the description for the Coastal Conditions sublayer.



5. Click the  (Close) button to close the window or, while holding down the ALT key, press TAB to toggle between this window and the map.

Method 2

1. At the top of the Details panel, click the  (Show Contents of Map) button.

2. In the Contents panel, hover over the layer name.

An  displays to the right of the layer name.

3. Click the  button.

A pop-up menu displays.

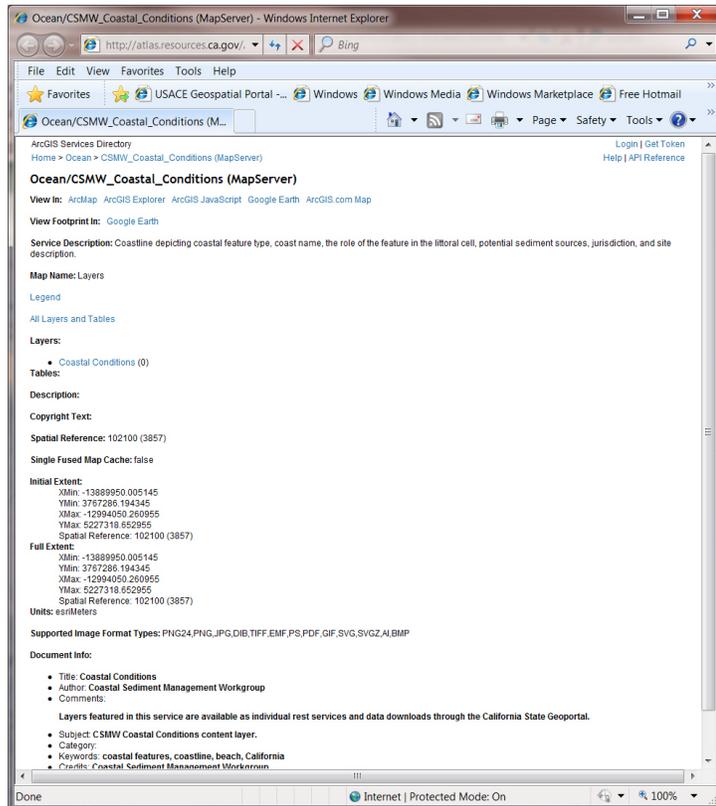


4. From the pop-up menu, select Description.

A new window provides metadata for the selected layer.

5. In the Layers section, click any sublayer name to view its description OR in The Map Name section, click All Layers and Tables to view the descriptions of all sublayers in a single window.

The following graphic shows part of the description for the Coastal Conditions sublayer.



6. Click the  (Close) button to close the window or, while holding down the ALT key, press TAB to toggle between this window and the map.

Display a Layer Attribute Table

Use the following procedure to display an attribute table for a layer or sublayer.

Note: Attribute tables are available only for layers or sublayers without any additional sublayers underneath them.

Note: The attribute table can be viewed whether or not the layer or sublayer is currently displayed on the map.

1. At the top of the Details panel, click the  (Show Contents of Map) button.

2. In the Contents panel, hover over the layer or sublayer name.

An  displays to the right of the layer name.

3. Click the  button.

A pop-up menu displays.

4. From the pop-up menu, select Show Table.

An attribute table displays at the bottom of the map.



ROUTEKEY	Start	End	Coast Feature	Feature Name	Secondary Name	Ownership	beachshore Description	Shoreline Description	backshore Description	Development	Current Width (FT)	Historical Width (FT)
coastline	287,708.24	290,658.22	beach (straggle)	Samoa Dunes Recreation Area		federal		beach-sand	high active dunes with marsh and some vegetation cover on landward edge of dunes			
coastline	6,514.13	6,922.00	beach	Smith River				beach-sand	river delta,			

Note: To view more (or less) of the attribute table, position the cursor over the double line separating the map from the table (the cursor changes to \pm), press and hold down the left mouse button, and drag the double line up (or down).

For additional information on using the attribute table, refer to the Portal for ArcGIS help.

ROUFEKEY	Start	End	Coast Feature	Feature Name	Secondary Name	Ownership	Nearshore Description	Shoreline Description	Backshore Description	Development	Current Width (FT)	Historical Width (FT)
coastline	287,708.24	290,658.22	beach (straight)	Santa Dunes Recreation Area		Federal		beach-sand	high active dunes with marsh and some vegetation cover on landward edge of dunes			
coastline	6,514.13	6,922.00	beach (straight)	Smith River mouth				beach-sand spit, cyclic	river delta, flood plain, sand dunes			
coastline	4,966.91	6,514.13	beach (straight)				offshore rocks	beach-sand and rock and gravel	cliffs			
coastline	4,544.51	4,966.91	beach (straight)					beach-sand	low cliff			
coastline	682,863.35	683,274.72	beach (pocket)				offshore rocks and sea stack	beach-sand, pocket	rocky wave cut cliffs of coastal terrace			
coastline	4,293.91	4,544.51	beach (straight)					beach-sand	low cliff			
coastline	3,136.77	4,293.91	beach (straight)					beach-sand	low cliff			
coastline	3,047.80	3,136.77		Kamph Memorial Park		county						
coastline	2,709.78	3,136.77	beach (straight)					beach-sand	low cliff			
coastline	2,009.34	2,709.78	beach (straight)					beach-sand	low cliff			
coastline	1,723.92	2,009.34	beach					beach-sand	low cliff			

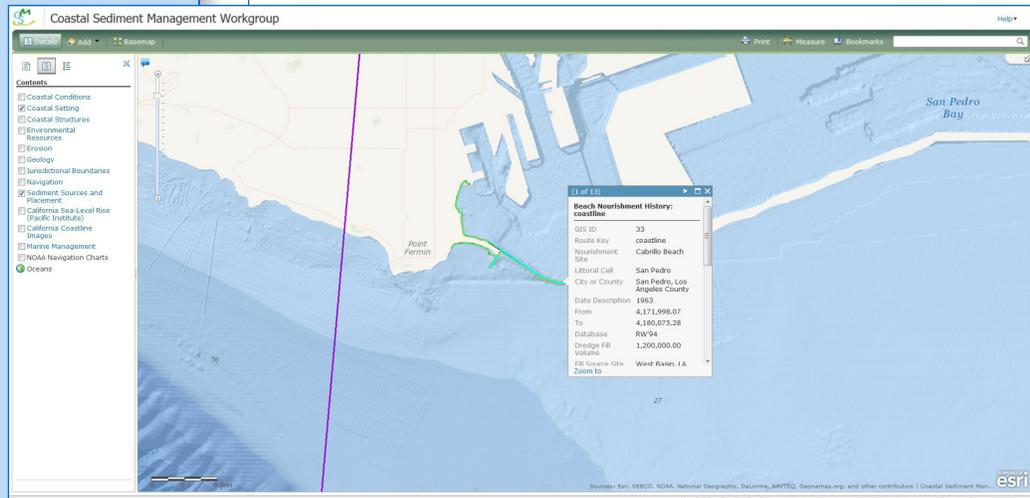
Download Layer Data

- Click the  button to close the attribute table.

All layers featured on the CSMW web map are available as individual REST services and data downloads through the California State Geoportal (<http://portal.gis.ca.gov/geoportal/>).

Display Feature Attribute Data

1. Click the feature on the map about which you want information.
A pop-up displays feature attribute data.



2. Use the following icons and links to manipulate the pop-up and the map:



Maximize the pop-up



Minimize the pop-up



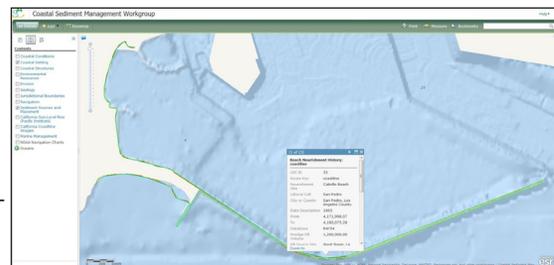
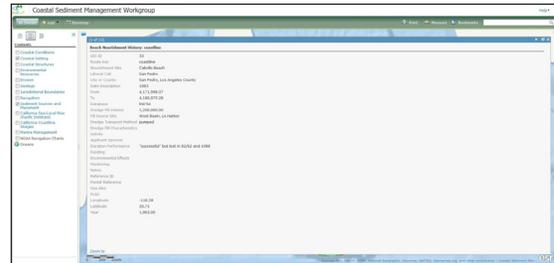
Move through the pages of information in the pop-up

Zoom to

Zoom to the feature on the map



Close the pop-up



Search for and Add a Layer

Use the following procedure to search for and add a content layer to the map:

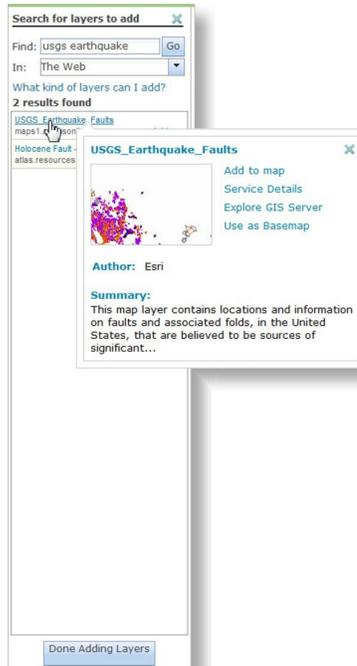
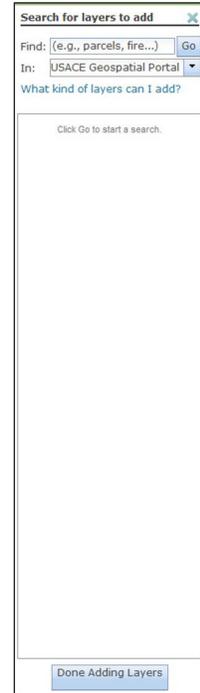
1. Click the  button.
2. From the pop-up menu, select Search for Layers.

A Search for Layers panel displays on the left side of the screen.

3. From the drop-down, select the location in which you want to search. (In this case, we're searching "The Web.")
4. In the Find text box, type the words for which you want to search. (In this case, we're searching for "usgs earthquake.")
5. Click .

The Search panel displays a list of "usgs earthquake" layer results found on the web.

Click any layer name to display a pop-up the layer's author, a summary, a link to its service details, and other links. (Click the  [Close] button or click anywhere on the map to close the pop-up.)

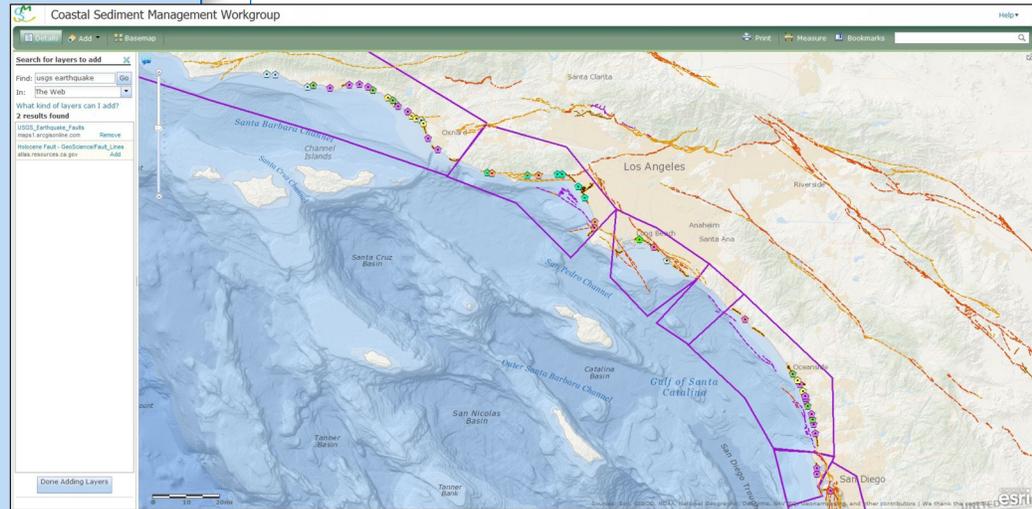


6. Click the Add link to the right of the result or the Add to Map link in the pop-up to add the layer to the map.

The layer displays on the map.

7. At the bottom of the search results panel, click [Done Adding Layers](#).

The Contents panel displays with the new layer added to the list.



Add a Layer from a File

1. Click the [Add](#) button.
2. From the pop-up menu, select Add Layer from File.

An Add Layer from File dialog displays.

3. Click Browse.
4. Locate and open a layer.
5. Click Import Layer.

The layer displays on the map and is added to the Contents panel.

Add a Layer from the Web

1. Click the [Add](#) button.
2. From the pop-up menu, select Add Layer from Web.

An Add Layer from Web dialog displays.

Remove a Layer from a Map

3. Select one of the following:

- **ArcGIS Server Web Service**—A map, image, or feature resource located on ArcGIS Server

Note: Although you can add a service, you cannot edit it even if it is shared with a group. If you want to make changes to a service, you must copy the service, make the necessary changes, and share it again with the group.

- **OGC Web Service (WMS)**—A map that follows the OGC Web Map Service specification.
- **KML**—A file of geographic features
- **CSV**—A web-based, comma-separated values text file of features that includes location information

4. In the URL text box, enter the appropriate URL.

5. Click Add Layer.

The layer displays on the map and is added to the Contents panel.

Use the following procedure to remove a layer from a map.

Note: You cannot remove sublayers, only layers.

1. Click the  (Show Contents of Map) button.

The Contents panel displays.

2. In the Contents panel, hover over the name of the layer you want to delete.

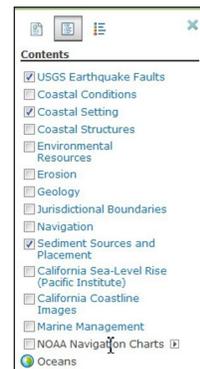
An  button displays to the right of the layer name.

3. Click the  button.

A pop-up menu displays.

4. From the pop-up menu, select Remove.

It is automatically removed from the map and the Contents panel.

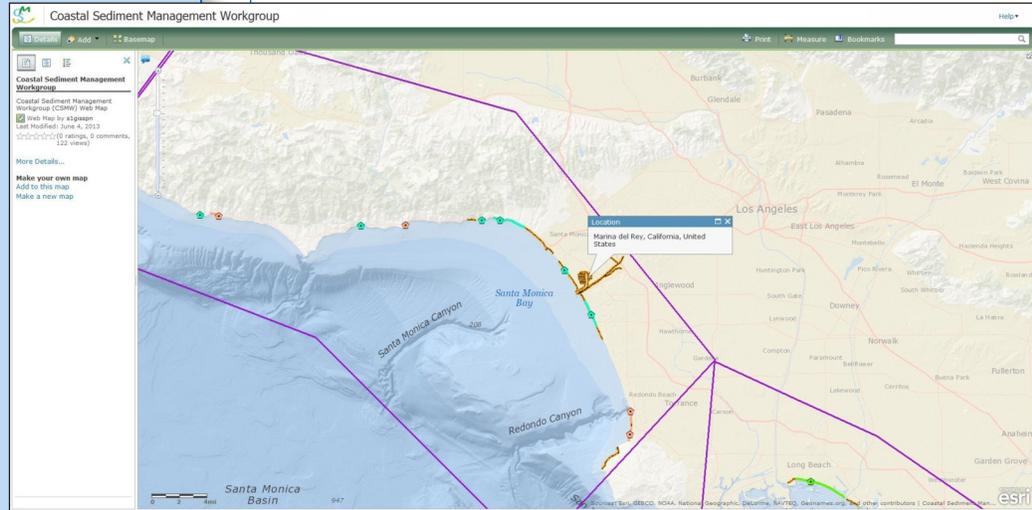


Find a Location

Use the following procedure to find a location on the map:

1. In the Find Address or Place text box, type the words for which you want to search. (In this case, we're searching for "Marina Del Rey, California.")
2. Click  (Find Address or Place).

The map zooms to the location, and a pop-up identifies it on the map.

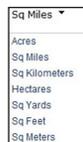


Measuring

The  **Measure** button displays a Find Area, Length, or Location dialog with the following tools.

-  **(Area)**—Measures the area of a polygon.
-  **(Distance)**—Measures the length of a single- or multi-segment line.
-  **(Location)**—Identifies the coordinates of a point on the map.

-  **(Measurement Units)**—Identifies the available units of measure for each measurement.



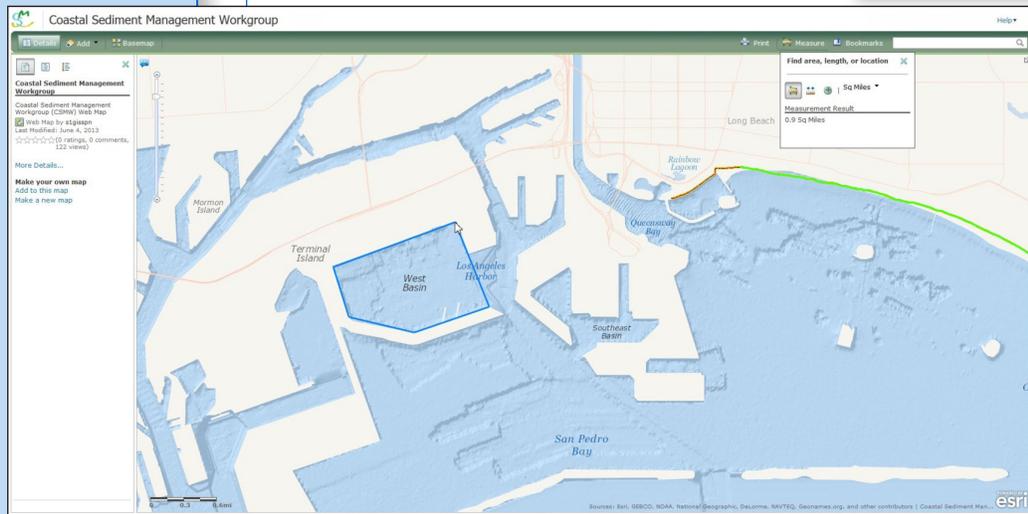
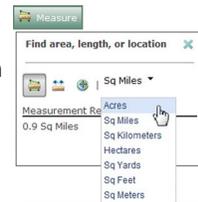
- **Area**—Acres, Hectares, Square Feet, Square Meters, Square Kilometers, Square Miles, or Square Yards
- **Distance**—Feet, Kilometers, Meters, Miles, Yards
- **Location**—Degrees or DMS (Degrees, Minutes, Seconds)

Measure an Area

1. Click the  Measure button.
The Find Area, Length, or Location dialog displays.
2. Select the  (Area) tool.
3. Click once on the map for each vertex of the polygon whose area you want to measure, and double-click to complete the polygon. (In this case, we're measuring the approximate area of the West Basin in Los Angeles Harbor.)

The area of the polygon displays at the bottom of the dialog.

Note: If necessary, select a different unit of measurement from the drop-down list.



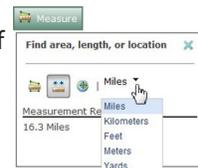
4. Click the  (Close) button to close the dialog.

Measure a Distance

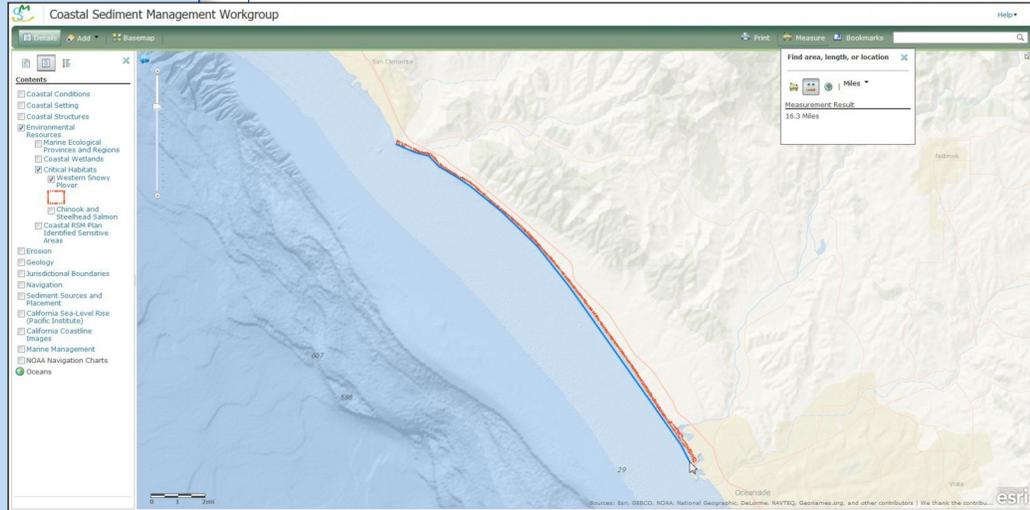
1. Click the  Measure button.
The Find Area, Length, or Location dialog displays.
2. Select the  (Distance) tool.
3. Click once on the map for each vertex of the line whose distance you want to measure, and double-click to complete the line. (In this case, we're measuring the approximate distance along the coast between San Clemente and Oceanside along which western snowy plovers are found.)

The length of the line displays at the bottom of the toolbar.

Note: If necessary, select a different unit of measurement from the drop-down list.



Identify a Location



4. Click the  (Close) button to close the dialog.

1. Click the  Measure button.

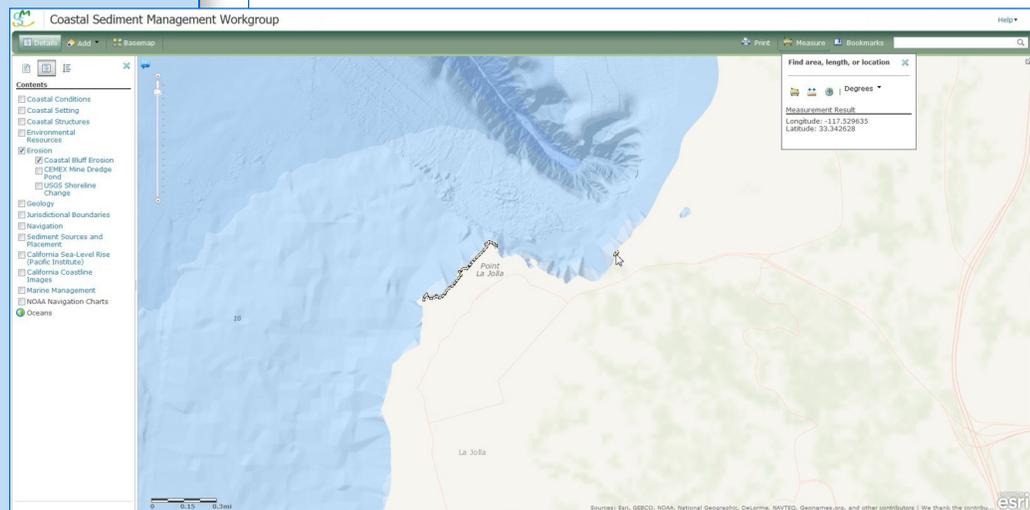
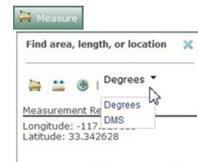
The Find Area, Length, or Location dialog displays.

2. Select the  (Location) tool.

3. Click once on the map at the point whose coordinates you want. (In this case, we're clicking on an area of coastal bluff erosion near Point La Jolla.)

The coordinates display at the bottom of the toolbar.

Note: If necessary, select a different unit of measurement from the drop-down list.



4. Click the  (Close) button to close the dialog.

Using Bookmarks

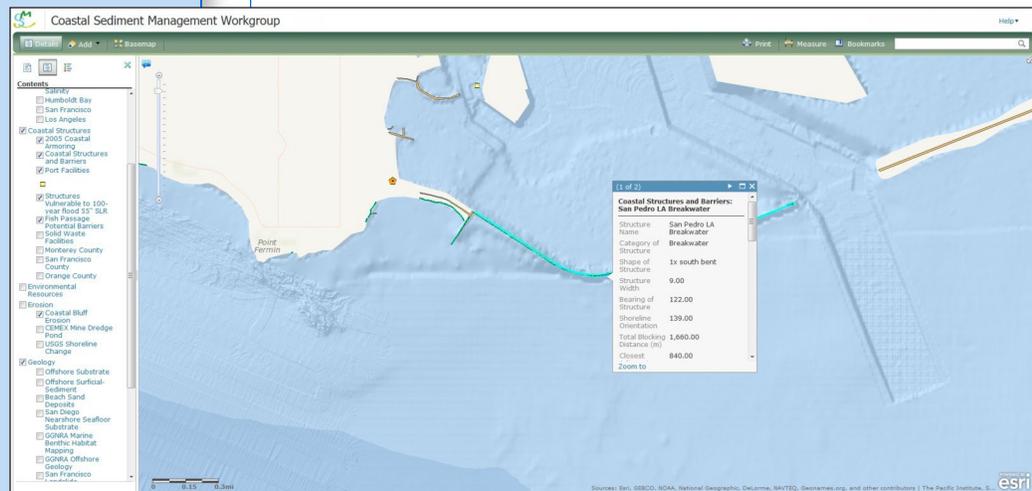
Add a Bookmark

Bookmarks allow you to locate places on the map quickly.

Note: Non-US Army Corps of Engineers can create and use, but not save, bookmarks.

1. Position the map at the appropriate location and scale.

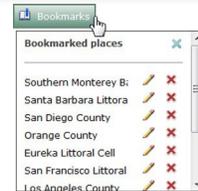
Note: A pop-up information box is displayed in this screen to help identify the location. It will not, however, automatically display when you click the bookmark link you create.



2. Click the **Bookmarks** button.

A list of Bookmarked Places displays.

3. Scroll to the bottom of the list and click Add Bookmark.



4. In the text box, type a name for the bookmark. (In this case we are using "San Pedro LA Breakwater.")
5. Click the **X** (Close) button to close the drop-down list.

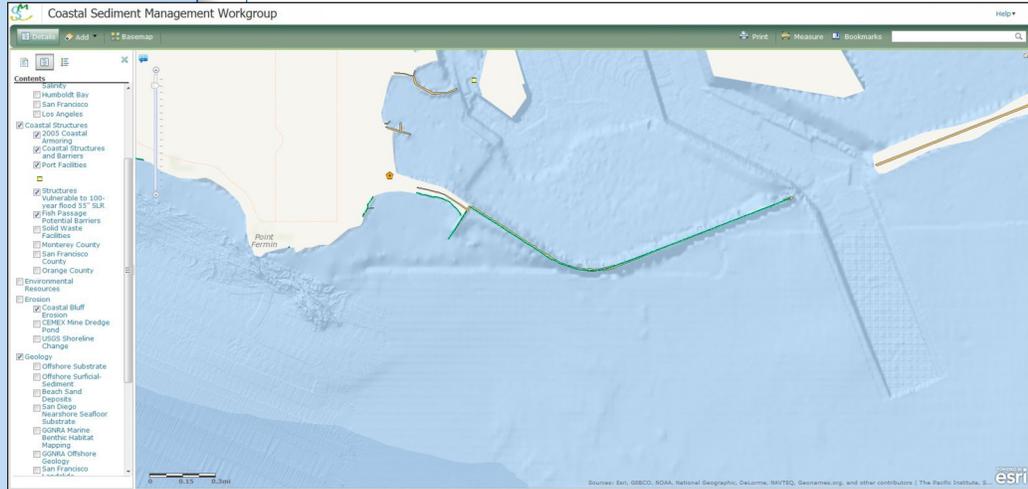
Use a Bookmark

1. Click the  Bookmarks button.

A list of Bookmarked Places displays.

2. Scroll to and click the bookmark for the location you want to display.

The map zooms to the appropriate location and scale.



3. Click the  (Close) button to close the drop-down list.

Use the following procedure to change a bookmark's name.

Note: You cannot edit the map location or scale to which the bookmark refers. Instead, you must create a new bookmark.

1. Click the  Bookmarks button.

A list of Bookmarked Places displays.

2. Scroll to and click the  (Edit) icon to the right of the bookmark you want to edit.

The bookmark name changes to a text box.

3. Make the appropriate change to the bookmark name.

4. Click the  (Close) button to close the drop-down list.



Edit a Bookmark

Remove a Bookmark

1. Click the  Bookmarks button.

A list of Bookmarked Places displays.

2. Scroll to and click the  (Remove) icon to the right of the bookmark you want to delete.

The bookmark is removed from the list.

3. Click the  (Close) button to close the drop-down list.



More Information

For general questions regarding the Coastal Sediment Management Workgroup and CSMW web map content, go to <http://dbw.ca.gov/csmw/contact.aspx>.

For web map troubleshooting, contact the web administrator at ECoastal.GIS@usace.army.mil.