



SCAG Open Data Portal

USER MANUAL

Prepared by: SCAG EGIS TEAM

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INTRODUCTION

SCAG as the largest Metropolitan Planning Organization (MPO) in the country, always seeks the most innovative technologies to collect, disseminate, and share data with its jurisdiction members and public. SCAG's Open Data Portal is the latest and most intuitive system that allows users to search, view, query, and download data residing in SCAG's Enterprise Geodatabases through an intuitive and user-friendly interface. Utilizing cutting-edge Web-GIS technology blended with ESRI's ArcGIS Online (AGOL) functionality, the Open Data Portal is a publicly available site that can be accessed 24 hours-a-day and 7 days-a-week by virtually any web browser and any desktop or mobile smart device.

To further enhance the user experience and assist users utilizing all the advanced capabilities of the Open Data Portal, SCAG has developed the present user manual. By adopting a step-by-step "user-guidance" approach and extended graphical devices, this manual is a fast and effective way to bring users up to speed on how to utilize and navigate SCAG's Open Data Portal.

PROFILE

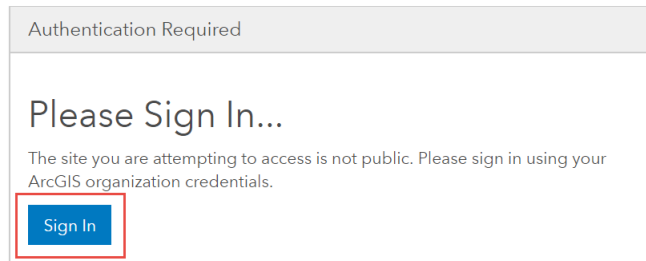
Log In

To log in to the portal system

Public users do not need to login as the SCAG Open Data Portal is a public domain.

SCAG Members could use Enterprise Login (optional) which, will also allow to manage their profile. If using Enterprise Login proceed as follows:

- 1) Open a web browser, preferably Microsoft Explorer or Google Chrome, and enter the following link to access SCAG Open Data Portal: <https://gisdatapreview-scag.opendata.arcgis.com/>.
- 2) Click “Sign In”.

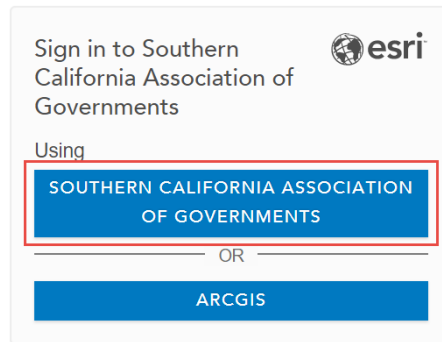


- 3) Click “ENTERPRISE LOGIN”.

Southern California Association of Governments wants to access your ArcGIS Online account information

- 4) In the following dialog box, **enter “scag”** to complete SCAG’s ArcGIS URL - scag.maps.arcgis.com
➤ then click “Continue”.

- 5) Click **“Southern California Association of Governments”**.



- 6) In the ArcGIS Online SCAG sign in page, **enter your SCAG credentials**: SCAG username or email address and password, and **click the “Sign in” button** to log in. You will be directed to the SCAG Open Data Portal home page.



Sign in with your SCAG username or email address

username@scag.ca.gov

Password

Keep me signed in

Sign in

Log Out

To log out of the Open Data Portal system

- 1) Go to **“user_SCAG”** at top-right corner and **click** to expand the drop-down menu
- 2) From drop-down menu, **select “Sign Out”**.

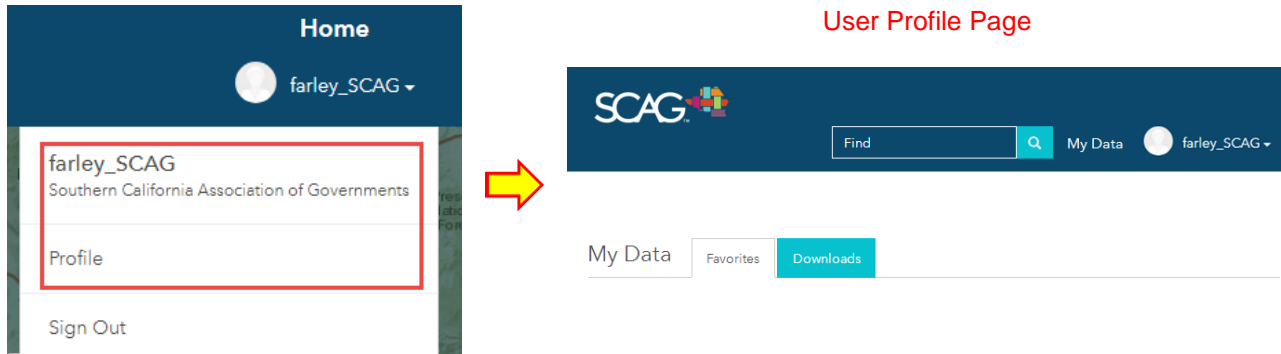


Manage User Profile, Favorites, and Downloads

User PROFILE

To access user profile

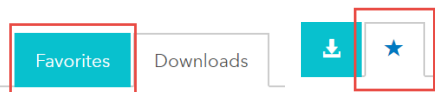
- At the top-right corner, **click on “user_SCAG”** to expand the drop-down menu and **select either “user_SCAG” or “Profile”** - both links will open the user profile page.



FAVORITES (Home page of user profile)

To see saved Favorites

- **Click “Favorites”** tab under profile **or the star symbol** in the My Data Sidebar.



To filter favorite datasets using keywords or dataset name.

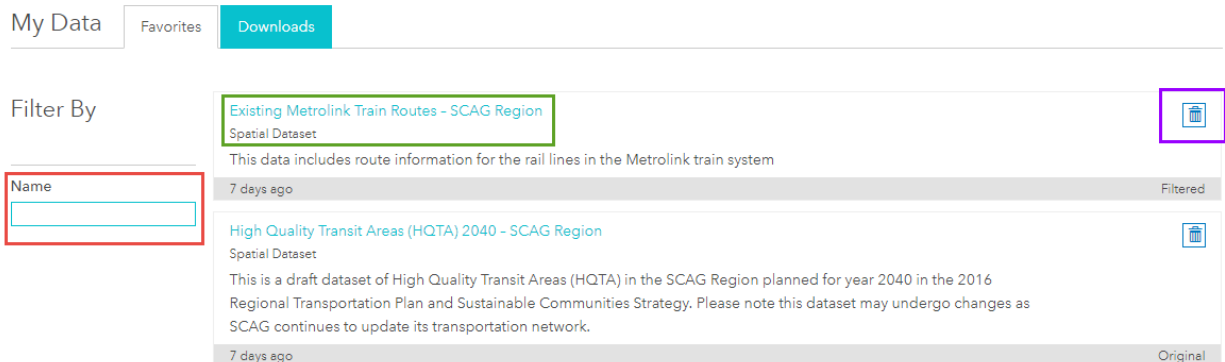
- In the Filter By section under **“Name”** (shown in red box below) **type the dataset name and/or any other keywords.**
- Favorite datasets with relevance to the name or keywords will be shown.

To select a favorite dataset

- **Click on name of dataset** (shown in green box below).

To remove datasets from your favorites

- **Click the trashcan icon** (shown in purple box below) next each dataset to remove it from your favorites.



DOWNLOADS

To see the download status and downloads during the last 48 hours

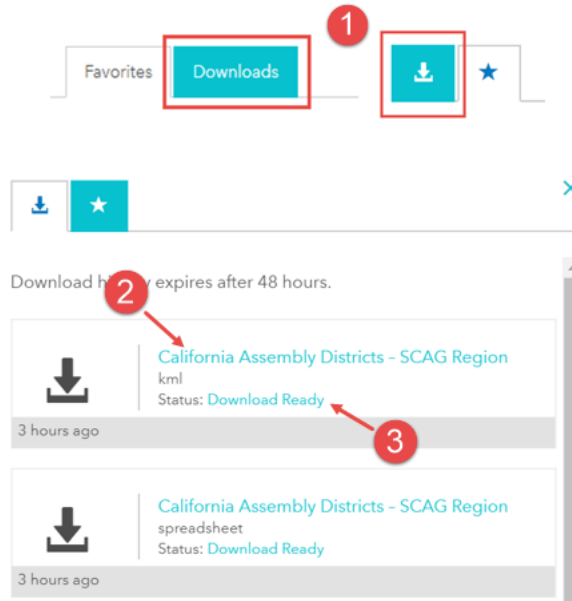
- 1) **Click the “Downloads” tab under profile or the down arrow symbol in the My Data Sidebar.**

To go to detail page of a downloaded dataset

- 2) **Click the name of the dataset.**

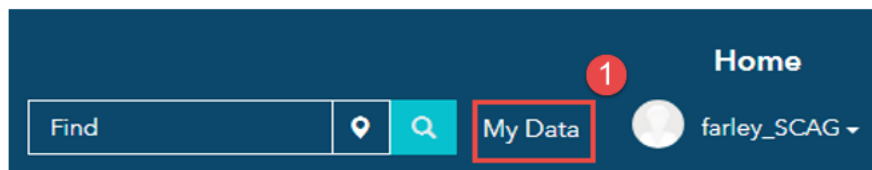
To re-download dataset

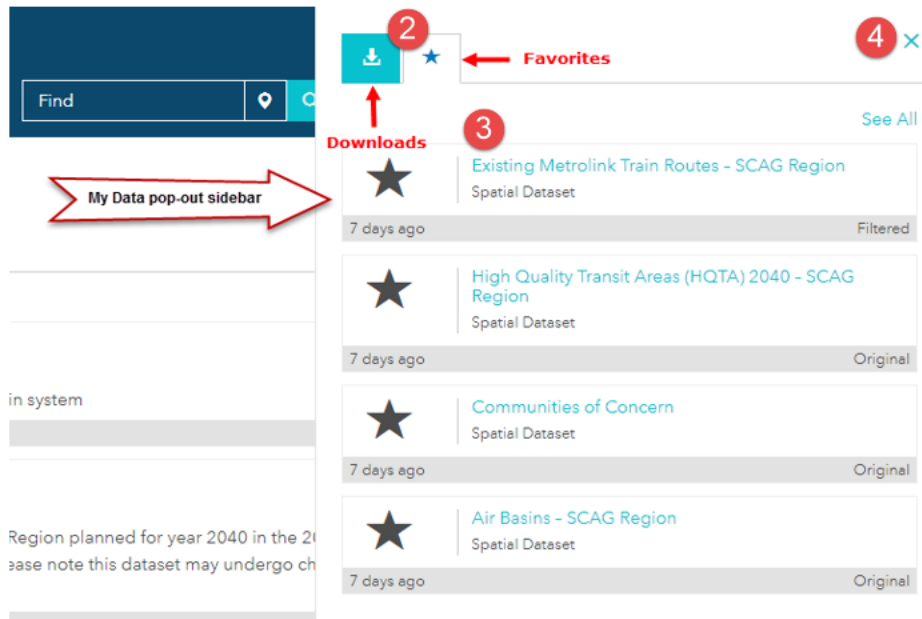
- 3) **Click the “Download Ready” link that appears on the dataset “Status” line.**



My Data Sidebar

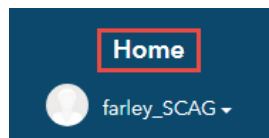
- 1) **Click “My Data”** (or via your profile page) to expose the Favorites/Downloads sidebar.
 - 2) **Select the Star icon or down arrow symbol** to access your Favorites or Downloads.
 - 3) **Click on any Dataset** to access the dataset details page.
 - 4) To close the sidebar **Click the “X” (close button)** at the top right corner.
- To go to profile from sidebar, **Click “See All”**.
 - **The “My Data” sidebar** will appear every time you favorite a dataset.





To access the homepage of the SCAG Open Data Portal

Click **Home** at top right corner of the browser window



To access SCAG's official website

Click **SCAG** icon at the top left corner of the browser window



DATA ACCESS

Users have to option to: a) View all datasets available, b) Search datasets by keyword, or c) View datasets by data category.

Step 1: Use Search Bar to Access Data

Without typing in the search bar - click the magnifying glass icon to see all datasets available in the SCAG Open Data Portal. When text is entered in search bar the most relevantly datasets will appear in the search results.



Step 2: Use Data Category or Search Results to Access Data

Filter By

Tags

- Scag (21)
- Administrative Boundary (9)
- Land Use (7)
- Planning (6)
- Boundaries (5)

More ▾

Source

- Southern California Association of Governments (6)

Content Type

- spatial dataset (33)

1 - 10 of 33 results

Relevance ▾

Dataset Name	Shared by	License	Timestamp	Type	Rows
Bike Routes - SCAG Region	scaggisadmin	No license specified	6/12/2017	Spatial Dataset	25,178 Rows
California Assembly Districts - SCAG Region	scaggisadmin	No license specified	6/14/2017	Spatial Dataset	44 Rows
California Congressional Districts - SCAG Region	scaggisadmin	No license specified	11/30/2017	Spatial Dataset	30 Rows
Air Basins - SCAG Region	scaggisadmin	No license specified	11/30/2017	Spatial Dataset	15 Rows

Datasets

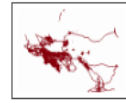
- The datasets can be **sorted** by Relevance, timestamp (Most Recent), or Name.
- In addition, datasets can be **filtered** by tags, source or content type.

Each dataset has metadata describing the: a) date when the dataset was added to the portal, b) content type, and c) number of rows in the dataset. In addition, a thumbnail image provides a preview of the dataset.

Bike Routes - SCAG Region

Shared by scaggisadmin

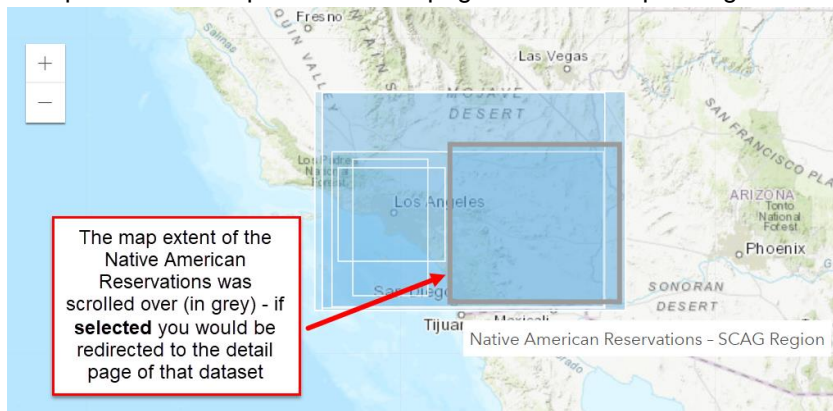
This dataset features current and proposed bike routes in the Southern California Association of Governments (SCAG) region, including the Regional Bike Network and Regional Greenway Network. The majority of updates in this dataset are for planned, as opposed to existing, bikeways. The Imperial and Ventura County bike routes have



No license specified 6/12/2017 Spatial Dataset 25,178 Rows

Web Map: The map preview window, in the upper portion of the webpage, is interactive and shows the geographic (map) extent of the selected (from the data category or search results) datasets when applicable. Note that all datasets from the results may not be shown in map).

- If you select a map extent it will open the details page of the corresponding dataset.



Step 3: Exploring a Selected Dataset

Once a dataset is selected the dataset details page will appear which allows to:

- View, Filter, Favorite, or Download the dataset
- Access links to Related Data, Metadata, Create a Webmap or Create a Story Map

Bike Routes - SCAG Region Favorite Download APIs

No license specified 6/12/2017 Spatial Dataset 25,178 Rows

This dataset features current and proposed bike routes in the Southern California Association of Governments (SCAG) region, including the Regional Bike Network and Regional Greenway Network. The majority of updates in this dataset are for planned, as opposed to existing, bikeways. The Imperial and Ventura County bike routes have been re-aligned to better match the street network. The majority of the data are for year 2012 or 2011. Orange County is the only

About
Southern California Association of Governments Open Data
Shared By: scaggisadmin
Data Source: maps.scag.ca.gov
View Metadata
Create Webmap
Create a Story Map

Attributes
Chart Map Visualization

BPID Number	City Text	Class_E Number	Class_P Number	Comment Text	County Text	From_ Text	Install_Da Date or Time	Name Text	Plan_Adop Date or Time
Plan_Stage Text	RBN Text	Status Text	To_ Text	UCOST Text	Year Number	SHOW MORE 2 attributes			

Related Data

Subregion and Councils of Government - SCAG Region

This file contains the official subregional boundaries for the SCAG region. The file has been updated as of 6/12/17 to incorporate

[Metadata](#) [View Metadata](#)

Spatial Dataset

California Senate Districts - SCAG Region

This dataset includes the boundaries for current California Senate Districts in the Southern California Association of Governments

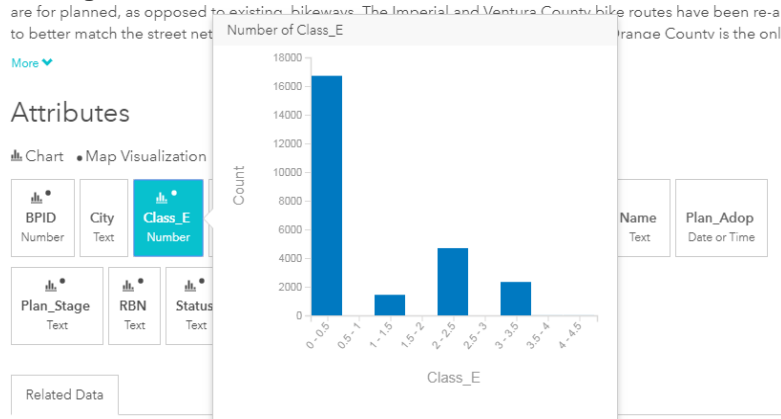
[Metadata](#) [View Metadata](#)

Spatial Dataset

View Data

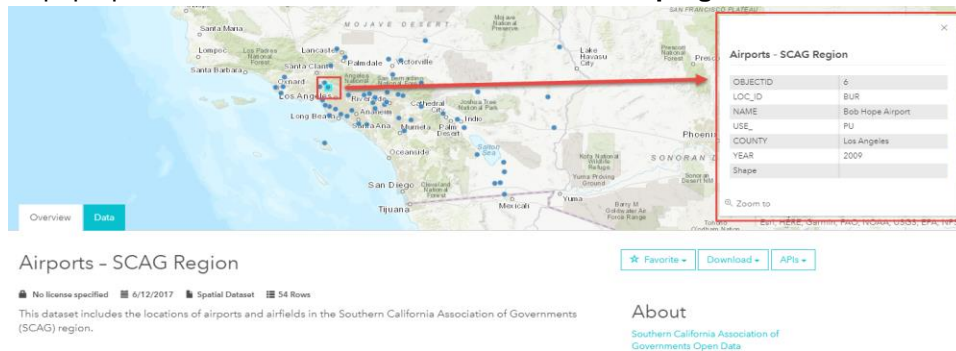
Visualize the dataset attributes by chart

- 1) **Click “Overview”** tab. The portal will show all associated dataset attributes (fields) organized in individual boxes. Each box shows the attribute name (field name) and the data type (number, text, date etc.). When data type is “number” the portal has the capability to generate and present a data chart.
- 2) **Select an attribute box that has a chart icon.**
A pop-up window will present a chart of the selected dataset, and the selected features will be highlighted on the interactive map.
- 3) **Click the attribute box again to close the chart window.**



Visualize the dataset attributes through the interactive map (top portion of page)

- 1) **Click Overview** tab.
- 2) **Click an attribute box with a chart icon.** The interactive map symbology will change to show the corresponding features for the selected attribute.
- 3) With or without an attribute selected, **click on a map data symbol (point, line, or polygon)** to open a pop-up window showing details of the selected attribute.
- 4) To close the pop-up window click the **close button “X”** at the top right corner.



View the dataset attribute table

- 1) Click **Data** tab to open the dataset attribute table.
- 2) Use the horizontal scroll bar and page links to navigate the table and view more attributes (fields) and features (records).

Bike Routes - SCAG Region

Showing 1 to 10 of 25,178


Hint: Click on ▼ to filter columns.

▼ OBJECTID	▼ County	▼ Status	▼ Name	▼ City	▼ Year	▼ RBN	▼ BPID	▼ Class_E	▼ Class_P	▼ Install_Da	▼ F
1	San Bernardino	Existing	Apple Valley Rd	Apple Valley	2017		0	1	0		Yuo
2	San Bernardino	Existing	Apple Valley Rd	Apple Valley	2017		0	2	0		Ohr
3	San Bernardino	Existing	Navajo Rd	Apple Valley	2017		0	1	0		SR
4	San Bernardino	Existing	Navajo Rd	Apple Valley	2017		0	2	0		Wai
5	San Bernardino	Existing	Thunderbird Rd	Apple Valley	2017		0	2	0		Ran
6	San Bernardino	Existing	Kiowa Ave	Apple Valley	2017		0	2	0		Yuo
7	San Bernardino	Existing	Pah-Ute Rd	Apple Valley	2017		0	2	0		Kio
8	San Bernardino	Existing	Tussing Ranch Rd	Apple Valley	2017		0	1	0		Nav
9	San Bernardino	Existing	Mesquite Rd	Apple Valley	2017		0	1	0		Luci
10	San Bernardino	Existing	Dale Evans Pkwy	Apple Valley	2017		0	2	0		Oto

Showing time fields in America/Los_Angeles timezone.

Filter Data

Filter a dataset by attribute(s) values

- 1) Click the **Data** tab.
- 2) Click the **Filter icon**  next to the attribute to be filtered.
- 3) A blue box with the attribute name will appear above the attribute table, **Click the attribute name** to specify the filter requirements.
- 4) **Select** one or more of the options **or type** a specific attribute value desired in the drop-down box/list. The attribute table will be updated accordingly.
- 5) To filter data using **more than one attributes (criteria) repeat steps 2 – 4**

Class_E - + City - + County - +

▼ Status	▼ Name	▼ City	▼ Y
Existing	Apple Valley Rd	Apple Valley	201
Existing	Apple Valley Rd	Apple Valley	201

To remove filter **click the blue and white “X”** next to the attribute name filtering the data.

to 10 of 14,706 **3** County: Los Angeles - +

▼ County	▼ Status
Los Angeles	Existing
Los Angeles	Existing
Los Angeles	Existing
Los Angeles	Proposed/f
Los Angeles	Proposed/f
Los Angeles	Proposed/Planned
Los Angeles	Proposed/Planned
Los Angeles	Proposed/Planned
Los Angeles	Proposed/Planned
Los Angeles	Proposed/Planned

Los Angeles (14706)
 Riverside (5228)
 Orange County (2611)
 San Bernardino (1565)
 Ventura County (601)
 Imperial (467)

Favorite Original or Filtered Dataset

Add the original or filtered dataset to your Favorites list for quick access

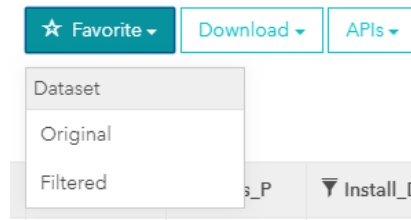
- Favorites can be accessed under the user profile or My Data link/sidebar.

Favorite an Original Dataset

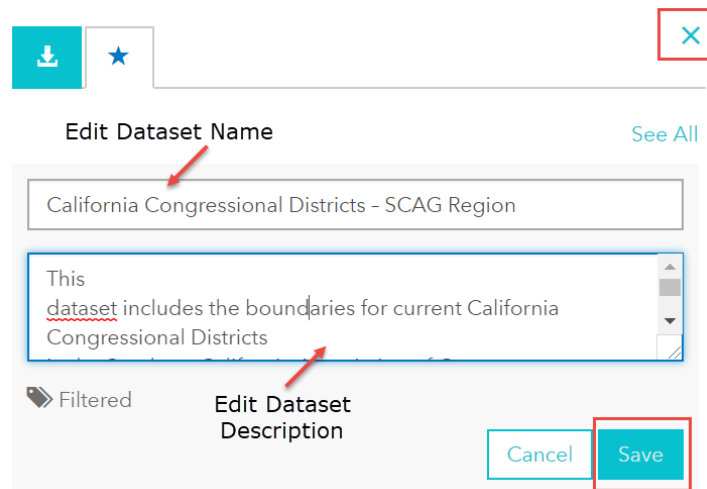
- 1) Under Overview tab or Data tab, **Click** the “Favorite” drop-down menu.
- 2) From drop-down list, **select “Original.”**
- 3) The “My Data” sidebar will appear once Original is selected,
Edit name or description of dataset if desired then **Click Save.**
- 4) To close the sidebar window **Click “X” (close button)** at top right corner.

Favorite a Filtered Dataset:

- If you have already filtered the dataset, go to step 6.
- 1) **Click “Data”** tab.
 - 2) **Click Filter icon** next to desired attribute to be filtered.
 - 3) A blue box with the attribute name will appear above the attribute table,
Click the attribute name to specify the filter requirements.
 - 4) **Select** one or more of the options **or type** a specific attribute value in the drop-down box/list. The attribute table will be updated accordingly.
 - 5) To filter data by **more than one attribute (criteria) repeat steps 2 – 4.**
 - 6) **Click Favorite** drop-down menu.
 - 7) From drop-down list, **select “Filtered”**.



- 8) The “My Data” sidebar will appear once Filtered is selected,
Edit name or description of dataset if desired then **Click “Save.”**
- 9) To close the sidebar window **Click “X”** at the top right corner.



Download Original or Filtered Dataset

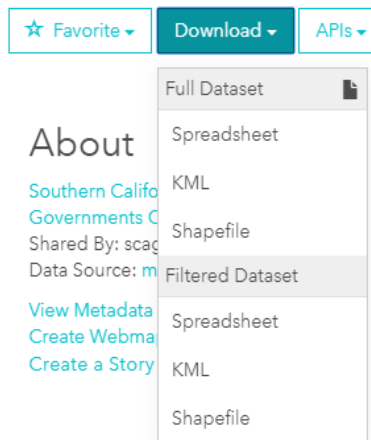
- Available download formats: Spreadsheet (.csv), KML (.kml), Shapefile (.shp).
- Downloads will be stored (for up to 48 hours only) in the Downloads section of your profile.

Download an Original Dataset

- 1) Under Overview or Data tab, **Click “Download”** box.
- 2) From the drop-down list under “Full Dataset”, **Select Spreadsheet, KML, or Shapefile** to download Original data to your computer download folder.

Download a Filtered Dataset

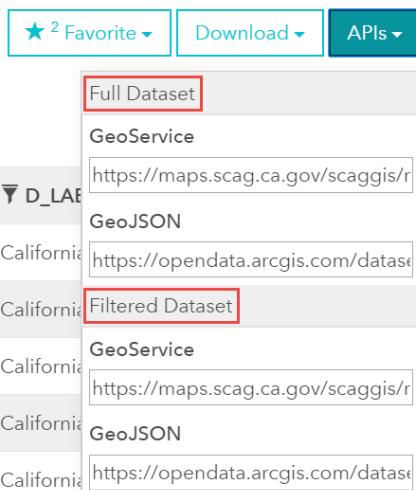
- If you have already filtered the dataset, go to step 6.
- 1) **Click Data** tab.
 - 2) **Click Filter icon** next to desired attribute to be filtered.
 - 3) A blue box with the attribute name will appear above the attribute table,
Click the attribute name to specify the filter requirements.
 - 4) **Select** one or more of the options **or type** a specific attribute value in the drop-down box/list. The attribute table will be updated accordingly.
 - 5) To filter data using **more than one attributes (criteria)** repeat **steps 2 – 4**.
 - 6) **Click Download** drop-down menu.
 - 7) From drop-down list under “Filtered Dataset”, **Select Spreadsheet, KML, or Shapefile** to download Filtered data to your computer download folder.



Access Dataset using APIs

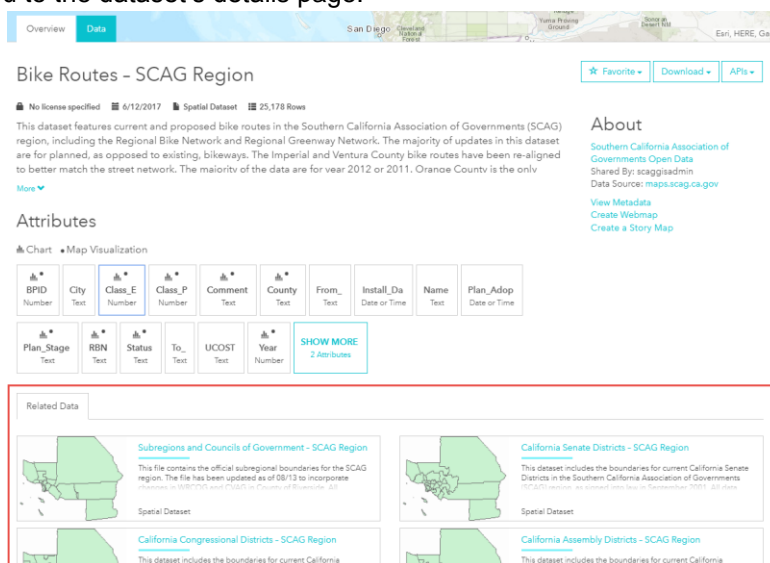
To access the Original or Filtered dataset in API formats

- 1) If desired, filter dataset.
- 2) **Click API's** drop-down menu.
- 3) **Copy and Paste GeoService or GeoJSON link into internet browser.**
GeoService - link will redirect you to the REST directory of the data
GeoJSON - link will download full dataset in GEOJSON file format



Access Related-Data Links

- 1) Click “Overview” tab.
- 2) At the bottom of each dataset’s details page under Related-Data, Click the link of desired dataset.
- 3) Link will direct you to the dataset’s details page.



Access Dataset Metadata

- 1) Click “Overview” tab.
 - 2) Under the “About section”, Click “View Metadata” link.
 - 3) Login with ArcGIS Online personal credentials or SCAG credentials if prompted to.
 - Link takes you to the Metadata details page of the selected dataset.
- The Metadata page is sourced from SCAG’s maps.arcgis.com site and has links to open the dataset in Map Viewer, Scene Viewer, and ArcGIS Desktop.

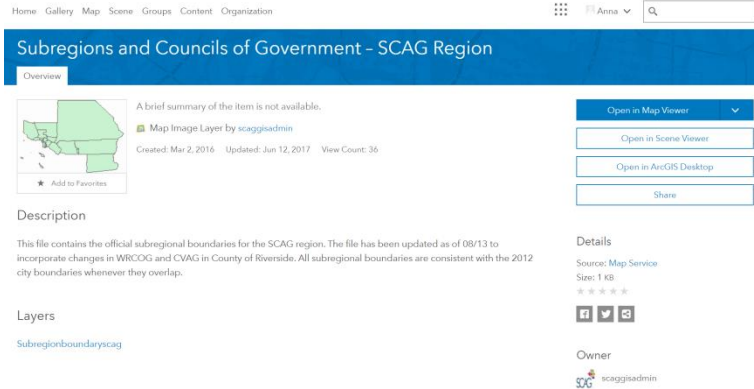
About

Southern California Association of Governments Open Data
Shared By: scaggisadmin
Data Source: maps.scag.ca.gov

[View Metadata](#)

[Create Webmap](#)

[Create a Story Map](#)



Home Gallery Map Scene Groups Content Organization

Subregions and Councils of Government - SCAG Region

Overview

A brief summary of the item is not available.

Map Image Layer by scaggisadmin
Created: Mar 2, 2016 Updated: Jun 12, 2017 View Count: 36

Add to Favorites

Description

This file contains the official subregional boundaries for the SCAG region. The file has been updated as of 08/13 to incorporate changes in WRCOG and CVAG in County of Riverside. All subregional boundaries are consistent with the 2012 city boundaries whenever they overlap.

Layers

Subregionboundaryscag

Open in Map Viewer

Open in Scene Viewer

Open in ArcGIS Desktop

Share

Details

Source: Map Service
Size: 1 KB

Owner

scaggisadmin

Create a Web Map

- 1) Click “Overview” tab.
- 2) Under the “About section”, Click “Create Webmap” link.
- 3) Follow site directions to make a custom web map from existing data.

About

Southern California Association of Governments Open Data
Shared By: scaggisadmin
Data Source: maps.scag.ca.gov

[View Metadata](#)

[Create Webmap](#)

[Create a Story Map](#)

Create a Story Map

- 1) Click “Overview” tab.
- 2) Under the “About section”, Click “Create Story Map” link.
- 3) Follow site directions to make a custom Story Map from existing data.

About

Southern California Association of Governments Open Data
Shared By: scaggisadmin
Data Source: maps.scag.ca.gov

[View Metadata](#)

[Create Webmap](#)

[Create a Story Map](#)









APPLICATIONS (apps)

Access and Use Existing Applications:

- 1) Scroll over an application image

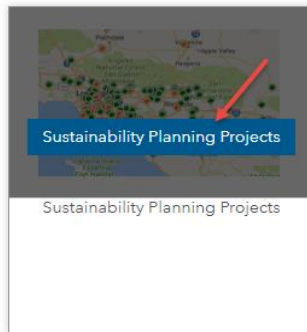
Applications

Apps provide simple access to information and tools for citizens to understand your community. We recommend exploring the apps below for helping engage around specific goals and initiatives - as well as encourage people to create their own stories and apps using the API and ready to configure apps.


 Sustainability Planning Projects	 Freight Works - Goods Movement Projects	 Southern California Plug-in Electric Vehicle Atlas	 LEED Certified Buildings
 Electricity Generation Facilities	 Alternative Fuel Stations	 Sustainability Programs Projection Map	 California Assembly Bill 2 (AB2)

[Explore More Apps](#)

- 2) Click on the dark blue box to be redirected to the web map application



- 3) Follow application instructions on the left to use web map application



Sustainability Planning Projects

Welcome!
This map shows **Sustainability Planning Grant Projects** in the SCAG region.

*Use the filters below to target your search.
Click on the markers in the map to see more information.
After selections are made, please hit [SUBMIT] button.*

Select City:
ALL

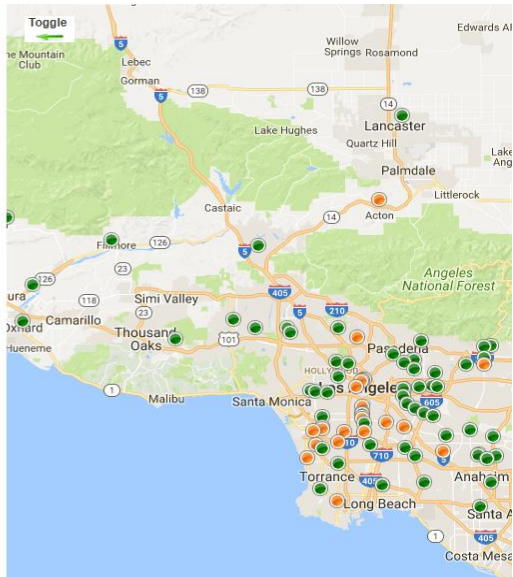
Note: The only cities shown are cities for which there are Sustainability Planning Projects.

Select Project Status:
 Complete
 Not Complete

SUBMIT

After selections are made, please hit the [SUBMIT] button.

(v2.0 03/16/2015)



Explore More Apps

Click “Explore more apps” (bottom-right of applications section) to access all of the applications/datasets available through the SCAG Data Library (this is different from the SCAG Open Data Portal)

- Link will take you to the GIS Data Services page on SCAG’s official website

Unlock the Data and Information in SCAG Region

Access SCAG Regional Projects and Collaborations:

- 1) Go to SCAG Open Data Portal Homepage
- 2) Scroll down homepage to ‘Unlock the Data and Information in SCAG Region’ section
- 3) Click the light-blue link or image associated with desired website

Links will take you to the designated website of the selected project associated with SCAG



Webpage Footer Links

About SCAG

GIS Data Services - GIS Data Services on SCAG’s home website

GIS Applications - GIS Applications within the GIS Data Services on the SCAG home website

Contact Us

SCAG GIS Admin email address - scaggisadmin@scag.ca.gov

Follow Us

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This is the end of the document.