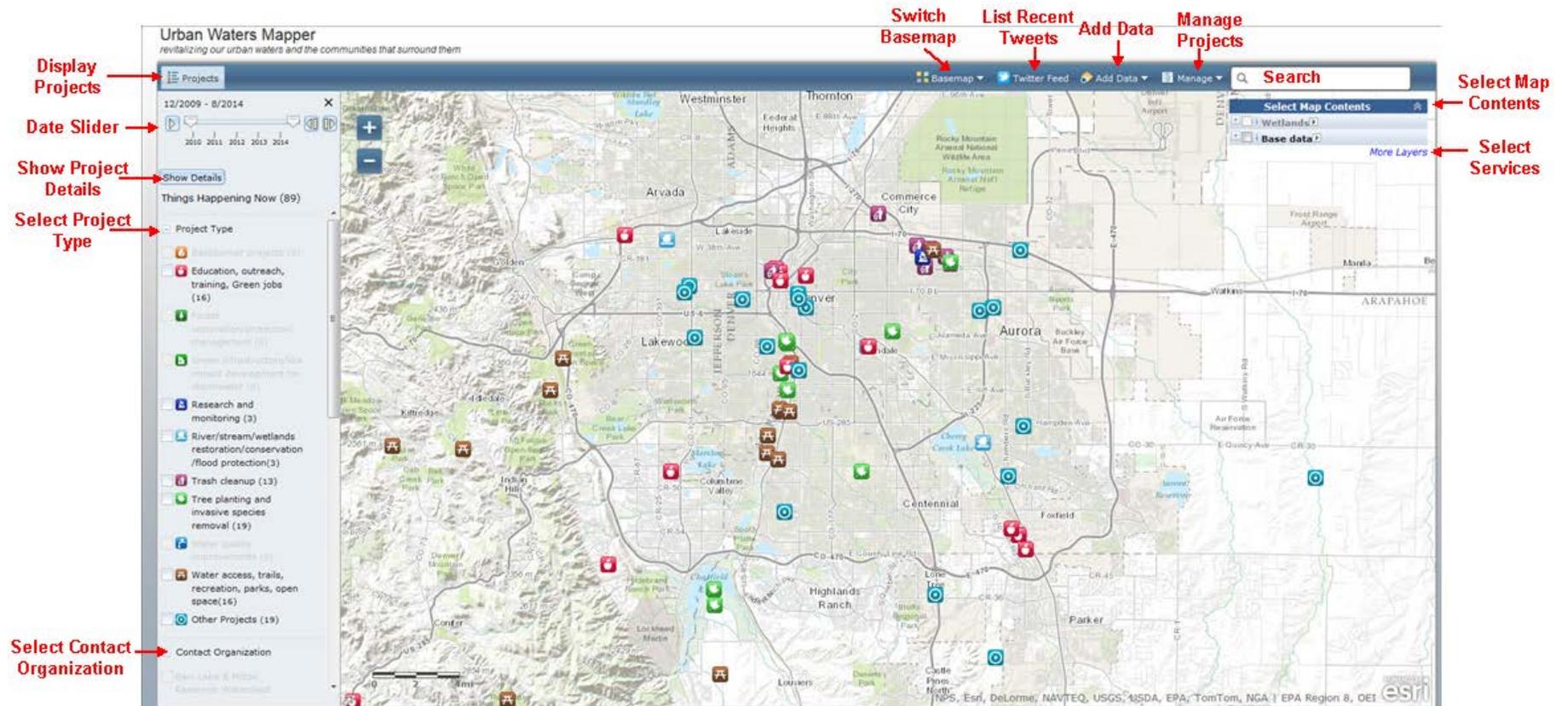


# Urban Waters Mapper

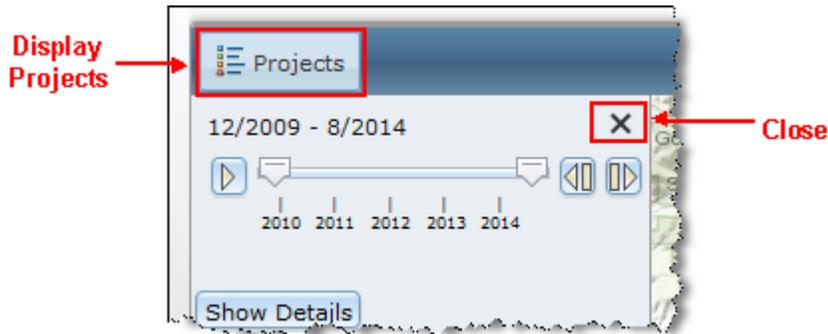
The Urban Waters Mapper strives to provide a common operating picture to watershed practitioners across the public-private-NGO spectrum and relies on the crowdsourcing of project information to get us there.



## Table of Contents

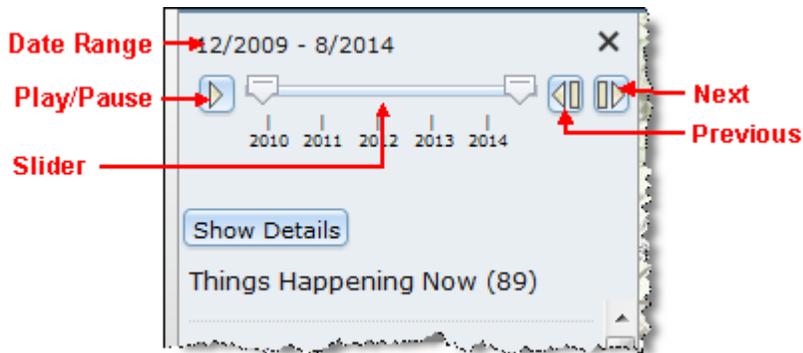
|  |    |
|--|----|
| <b>DISPLAY PROJECTS</b> .....            | 3  |
| <b>DATE SLIDER</b> .....                 | 3  |
| <b>SHOW PROJECT DETAILS</b> .....        | 3  |
| <i>SHOW LOCATION ON THE MAP</i> .....    | 5  |
| <i>SAVE AS EXCEL</i> .....               | 5  |
| <i>SAVE AS PDF</i> .....                 | 5  |
| <b>SELECT PROJECT TYPE</b> .....         | 6  |
| <b>SELECT CONTACT ORGANIZATION</b> ..... | 6  |
| <b>SWITCH BASEMAP</b> .....              | 7  |
| <b>LIST RECENT TWEETS</b> .....          | 8  |
| <b>ADD DATA</b> .....                    | 8  |
| <i>SEARCH GEOPLATFORM</i> .....          | 9  |
| <i>ADD LAYER FROM WEB</i> .....          | 10 |
| <i>SUGGESTED SERVICES</i> .....          | 10 |
| <b>MANAGE</b> .....                      | 11 |
| <b>MANAGE PROJECTS</b> .....             | 11 |
| Add Project.....                         | 12 |
| Edit Existing Project.....               | 13 |
| Clone Existing Project .....             | 13 |
| Delete Existing Project.....             | 13 |
| <b>PRINT MAP</b> .....                   | 14 |
| <b>SEARCH</b> .....                      | 14 |
| <b>SELECT MAP CONTENTS</b> .....         | 15 |
| <b>WETLANDS</b> .....                    | 15 |
| <b>BASE DATA</b> .....                   | 15 |
| <b>MORE LAYERS</b> .....                 | 15 |

## DISPLAY PROJECTS



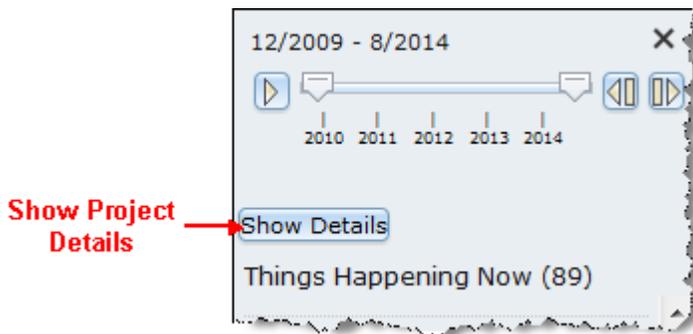
The Projects panel is open as the default when the Urban Waters Mapper is loaded. Click the X in the panel to close the Project panel. Click the Display Projects button to reopen the panel.

## DATE SLIDER

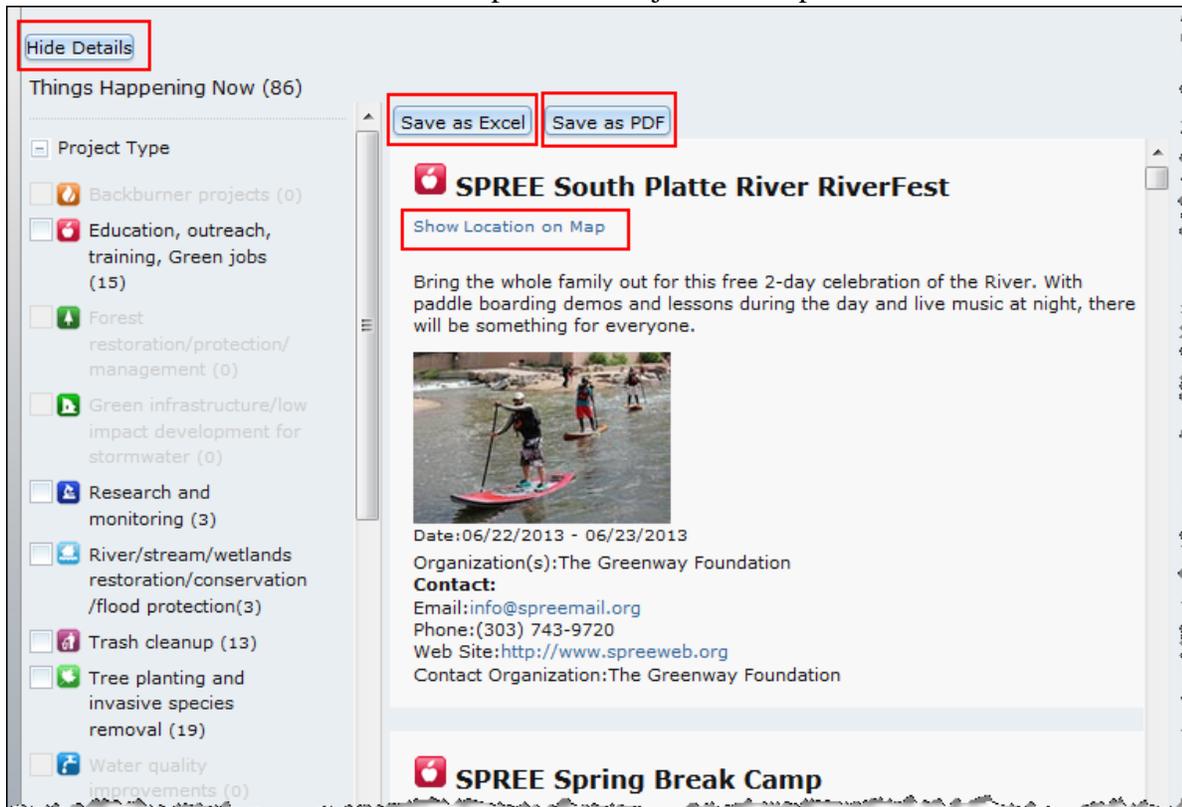


The Date Range Slider is used to select the Project dates to display in the map. The default displays the full range of dates. To adjust the dates move the date selector sliders in the Slider. The Play/Pause and Previous and Next buttons can be used to move through the dates for any range other than the default selection. The Things Happening Now number will update to reflect the number of Projects displayed in the map.

## SHOW PROJECT DETAILS

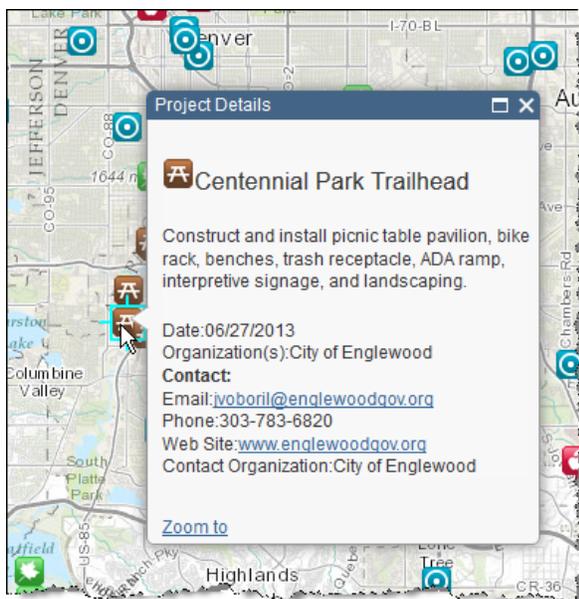


Click the Show Details button to to expand the Project details panel.

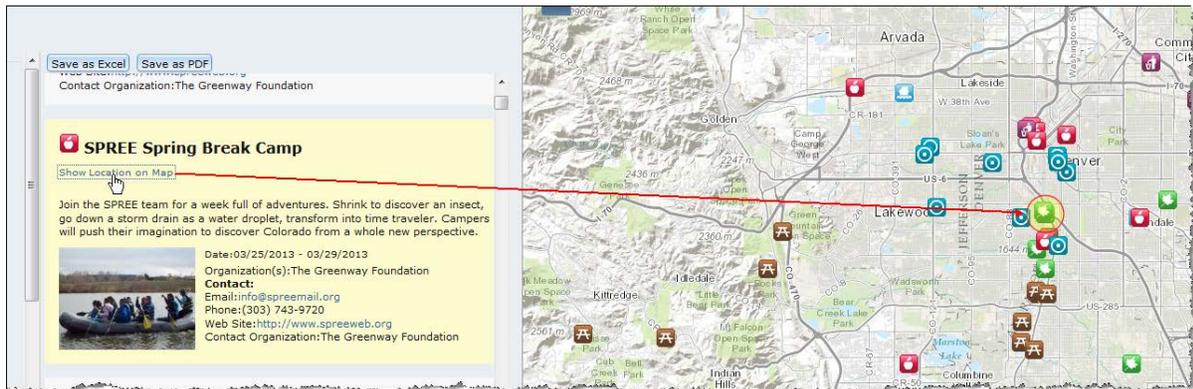


The Project Details panel shows a list of projects displayed on the map, with details about the projects. Click the Hide Details button to collapse the panel.

Project details can also be seen by clicking on any of the map icons.



## ***SHOW LOCATION ON THE MAP***



To highlight a particular Project in the map click the Show Location on Map link. The selected project is highlighted and circled in red.

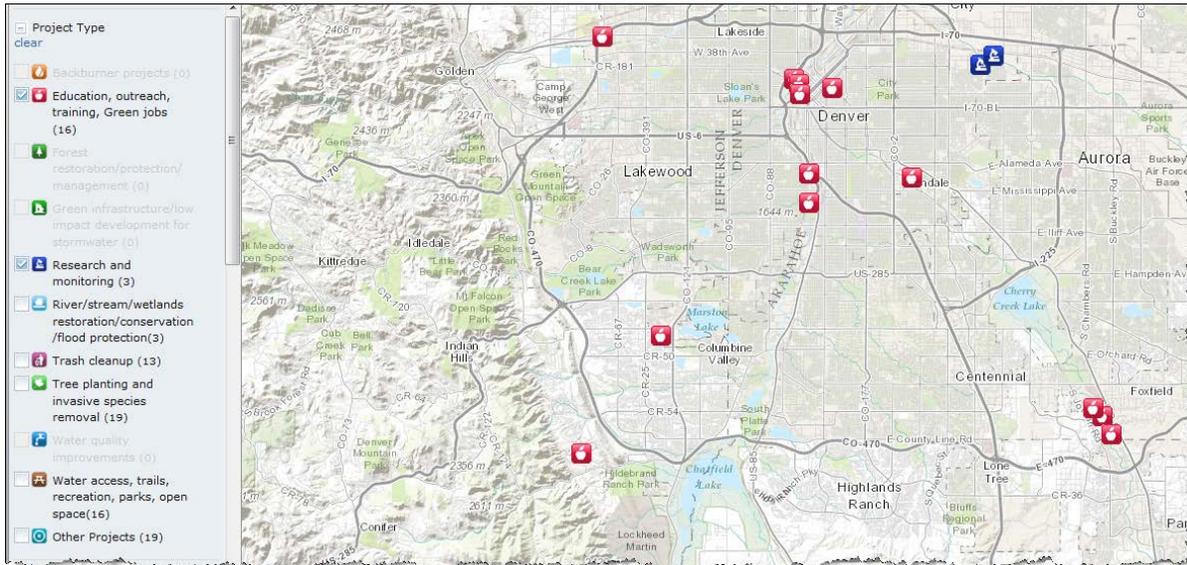
## ***SAVE AS EXCEL***

Click the Save as Excel button to open or download an Excel file for the Projects currently listed in the Project details panel and displayed in the map. The Excel file contains all the project details entered into the application.

## ***SAVE AS PDF***

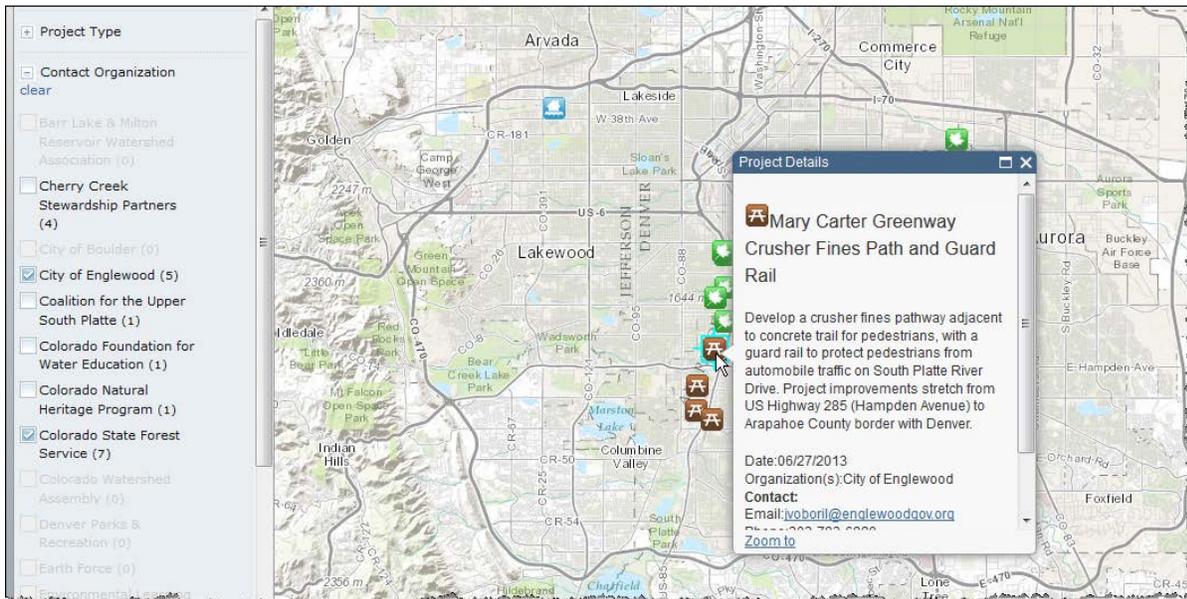
Click the Save as PDF button to open or download a PDF file for the Projects currently listed in the Project details panel and displayed in the map. The PDF file contains the same information as shown in the Project Details panel including the images.

## SELECT PROJECT TYPE



The Project Type panel shows a list of projects types with the count for projects displayed in the map. Types that do not have any projects in the map are grayed out and not clickable. The default map display shows all project types. To limit to a certain type or types click in the checkbox to the left of the project type icon.

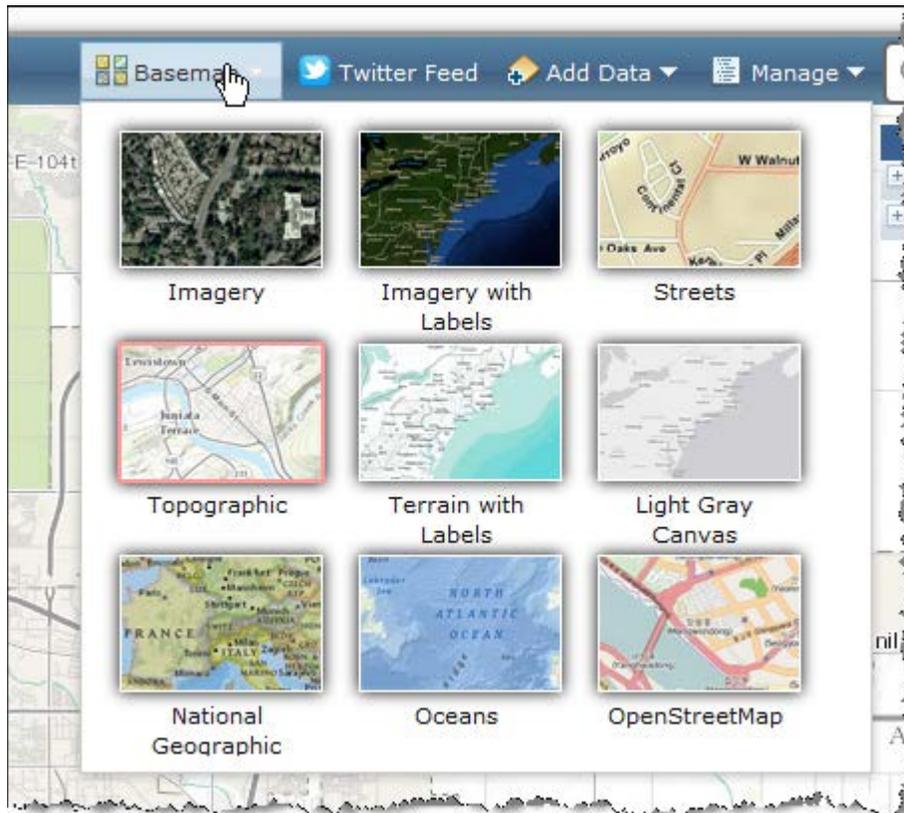
## SELECT CONTACT ORGANIZATION



The Contact Organization panel shows a list of Contacts with the count for projects displayed in the map. Contacts that do not have any projects in the map are grayed out and not clickable. To limit to a certain contact or contacts click in the checkbox to the left of the

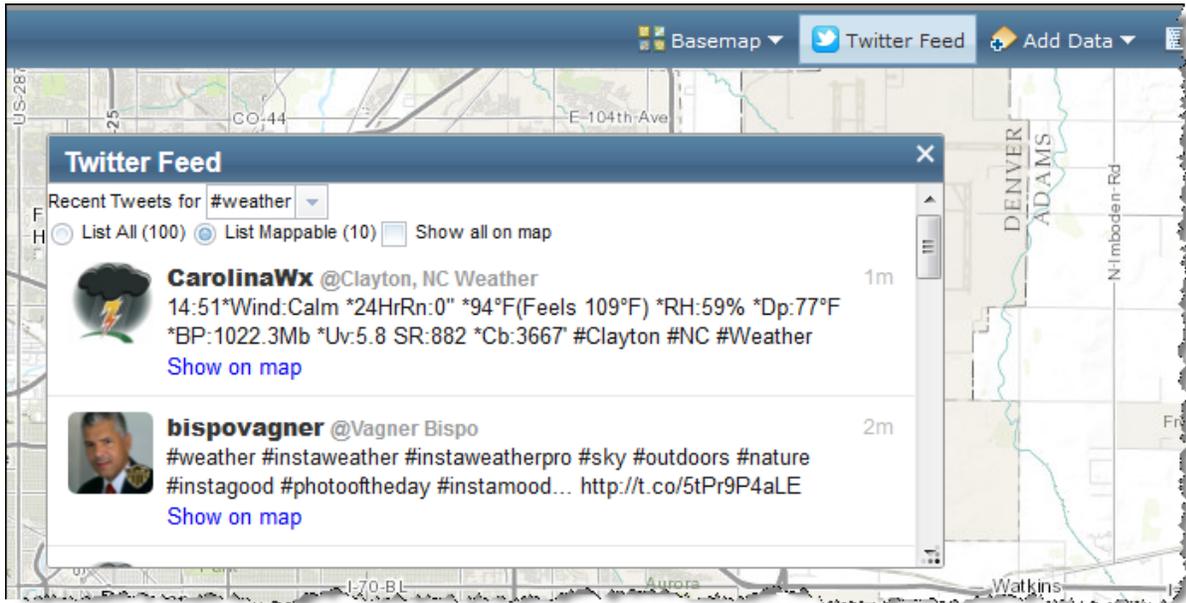
Contact Organization name. You can select either Contact Organizations or Project Types but not together.

## SWITCH BASEMAP



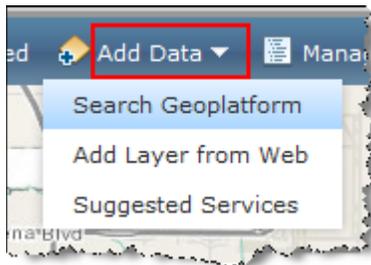
The Switch Basemap option allows you to select from different map backgrounds. The Topographic view is the default option.

## LIST RECENT TWEETS



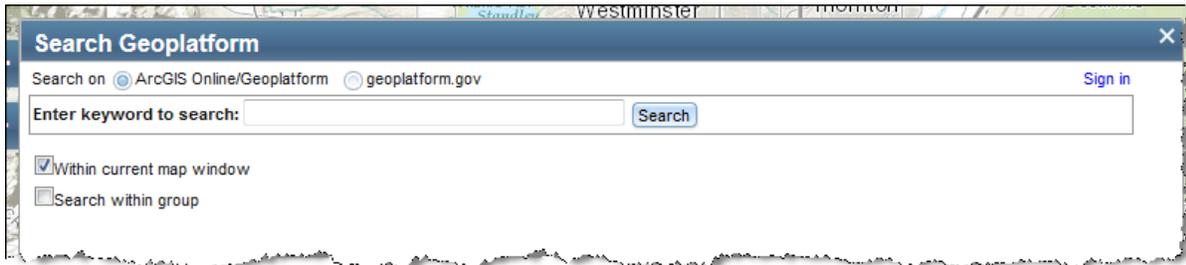
The List Recent Tweets option allows you to view recent tweets for #weather, #cleanrivers, or #urbanwaters. There are options to list all, list mappable or to show individual mappable tweets on the map or all mappable tweets on the map. Note that the tweets are not limited to the current map view.

## ADD DATA

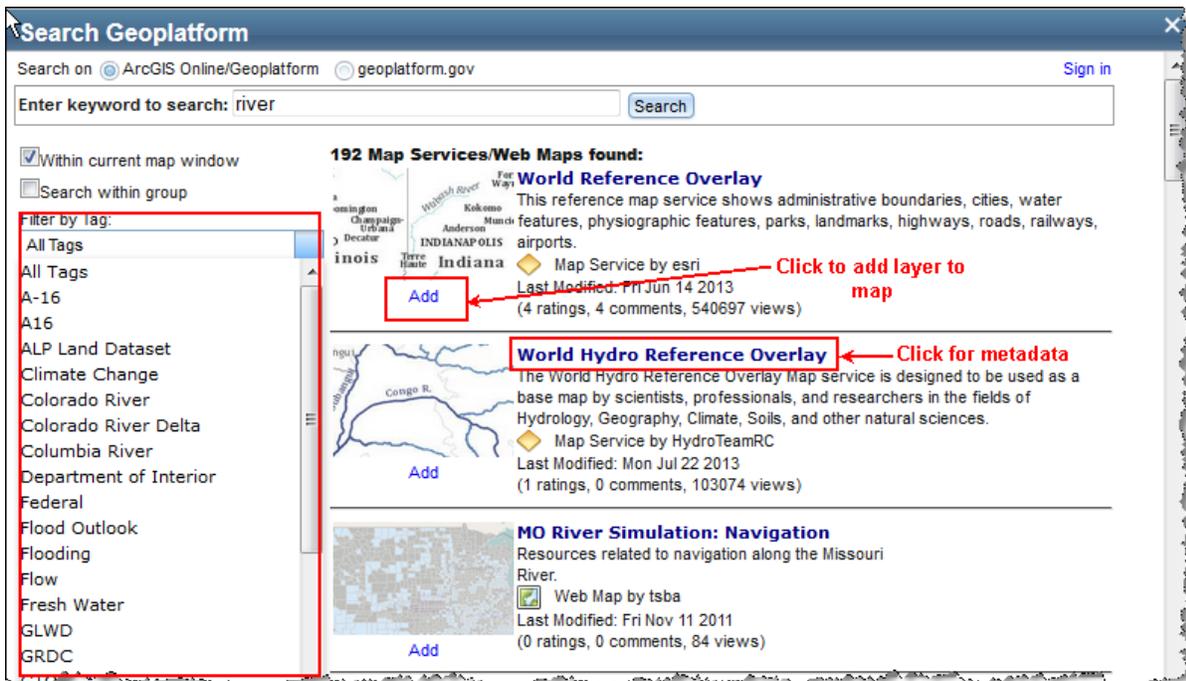


The Add Data option allows you to search the Geoplatform for layers, add a layer from the web, or select from suggested services. When layers are added, they will appear under the Map contents.

## SEARCH GEOPLATFORM



The Search Geoplatform option allows you to search for map layers on ArcGIS Online/Geoplatform or on geoplatform.gov. The Sign In link opens a log in for arcgis.com and provides access to some map services that are only available when you sign in. Enter a keyword and click the search button to search.



The search results can be filtered by choosing a tag from the dropdown list that is added when the results are displayed. You can click on a layer name to see the layer metadata or on the add link to add the layer to the map.

Search within Group to limit the search within Geoplatform user groups.

Searching for layers on Geoplatform.gov works in a similar way.

## ***ADD LAYER FROM WEB***



Use the Add Layer from Web option to add data from a map service on the web. When you click the Add to Map button the layer will be added in the map contents panel.

## ***SUGGESTED SERVICES***



You can add one or more suggested services to the map by clicking in the checkbox to the left of the service name and then clicking the Add to Map button. Click on the hyperlinked service name to view metadata for the services.

## MANAGE

The manage option allows you to manage projects or select various print options.

### ***MANAGE PROJECTS***

**Manage Projects**

Select an option:  Add New Project  Edit Existing Project  Clone Existing Project  Delete Existing Project

\* Project Name:  \* Select Project Type:  \* Organization(s):

Please enter a specific date below OR a Start and End date, if the project covers a range of dates.

\* Date:  OR \* Start Date:  \* End Date:  Recurrence (type or select):

\* Project Description:

\* Latitude/Longitude:  Location (Name or URL):  Document URL (Word, PDF):  Social Link:

Photo URL:  Or upload photo:

\* Contact Organization (type or select):  Contact Phone:  \* Contact Email:  Contact Web Site:

\* Entered by:  \* Telephone:

\* Required Fields

The Manage Projects pop up allows you to add, edit, clone, or delete projects by selecting the appropriate radio button.

## ADD PROJECTS

**Manage Projects** [X]

Select an option:  Add New Project  Edit Existing Project  Clone Existing Project  Delete Existing Project

Click on the map to add new project

\* Project Name:  \* Select Project Type:  \* Organization(s):

Please enter a specific date below OR a Start and End date, if the project covers a range of dates.

\* Date:  OR \* Start Date:  \* End Date:  Recurrence (type or select):

\* Project Description:

\* Latitude/Longitude:  Location (Name or URL):  Document URL (Word, PDF):  Social Link:

Photo URL:  Or upload photo:

\* Contact Organization (type or select):  Contact Phone:  \* Contact Email:  Contact Web Site:

\* Entered by:  \* Telephone:

\* Required Fields

Select the Add New Project button to add a project.

Click on the map to identify the project location. This will add the latitude/longitude to the add project form.

Enter data in the required fields.

Select the Project Type from the drop down list.

For the date enter a specific date OR a Start and End date if the project covers a range of dates.

When the form is complete, click the Submit button to add the project.

Type the displayed words into the text box and click enter, then click the Confirm button to submit.

The map will reload and the project icon will be added to the map.

## EDIT EXISTING PROJECT

**Manage Projects**

Select an option:  Add New Project  Edit Existing Project  Clone Existing Project  Delete Existing Project

Click on a project on the map to edit

\* Project Name: Globeville - Utah Junction OSP U \* Select Project Type: Other projects \* Organization(s): Urban Drainage and Flood Contr

Please enter a specific date below OR a Start and End date, if the project covers a range of dates.

\* Date: 8 OR \* Start Date: 8 \* End Date: 8 Recurrence (type or select): In progress

\* Project Description:  
The Globeville-Utah Junction Watershed Outfall Systems Planning Study Update covers approximately 2,850 acres within the City and County of Denver and Adams County. The purpose of this study is to update the hydrologic analysis for the basin to identify existing

\* Latitude/Longitude: 39.767, -104.797 Location (Name or URL): Adams County and City of Denv Document URL (Word, PDF): Social Link:

Photo URL Or upload photo:

\* Contact Organization (type or select): Urban Drainage and Flood Control Die \* Contact Phone: 303-455-6277 \* Contact Email: sthomas@udfcd.org \* Contact Web Site: http://projects.ch2m.com/Globlev

\* Entered by: Craig Malkmes \* Telephone: 4445553333 \* Required Fields

**Project Details**

Globeville - Utah Junction OSP Update

The Globeville-Utah Junction Watershed Outfall Systems Planning Study Update covers approximately 2,850 acres within the City and County of Denver and Adams County. The purpose of this study is to update the hydrologic analysis for the basin to identify existing problems, to develop an alternatives evaluation aimed at fixing the identified problems, and to present a conceptual design of the selected best alternative plan.

Date: 11/22/2011 - In progress  
Organization(s): Urban Drainage and Flood [Zoom to](#)

Select the Edit Existing Project button to edit a project.

Click on the project on the map.

The project information is loaded on the form.

Update information as needed and then click the Submit button to capture the update.

Type the displayed words into the text box and click enter, then click the Confirm button to submit.

## Clone Existing Project

Select the Clone Existing Project button to copy a project.

Click on the project on the map.

The project information is loaded on the form.

Update information as needed and then click the Submit button to capture the update.

Type the displayed words into the text box and click enter, then click the Confirm button to submit.

## Delete Existing Project

Select the Delete Existing Project button to delete a project.

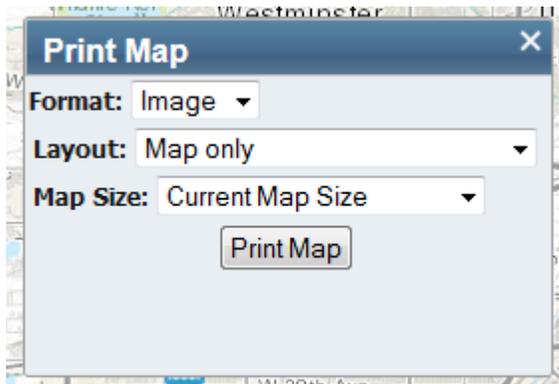
Click on the project on the map.

The project information is loaded on the form.

Click the Submit button to confirm the project deletion.

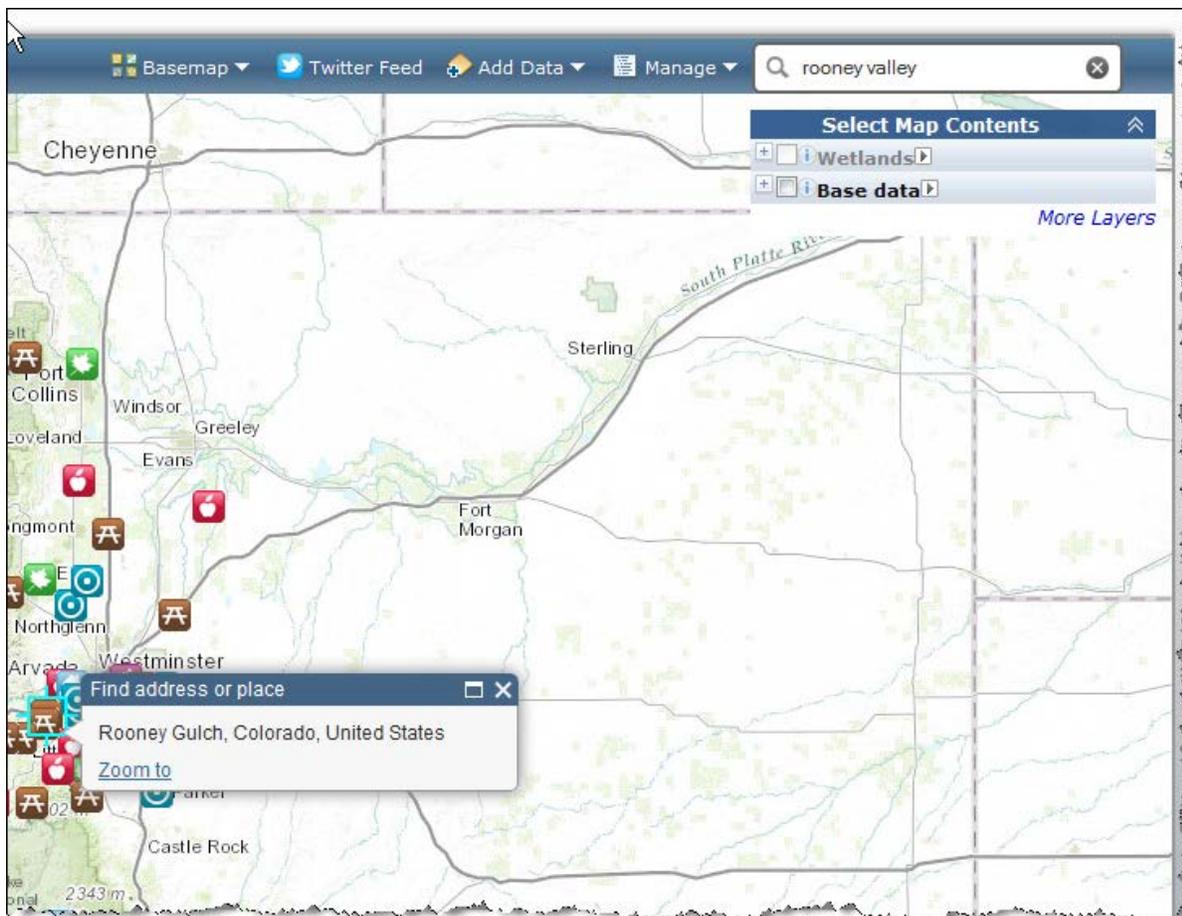
Type the displayed words into the text box and click enter, then click the Confirm button to submit.

## PRINT MAP



The print map option allows you to select Image, PDF or HTML format. Image and PDF can specify Map only, landscape or portrait view. For an HTML format, a Map title can be specified. All formats allow you to select the current map size or define a map size.

## SEARCH



Use the search option to find a location or place within the map or to change the mapper view.

## SELECT MAP CONTENTS



The Select Map Contents option provides layers that can be added to the map. Add layers by checking the box to the left of the layer name. Metadata for the layers is available by clicking on the “i” icon to the left of each layer name.

### ***WETLANDS***

Click the plus to see the Wetlands legend. The map needs to be zoomed in to an appropriate scale in order for the layer to be active.

### ***BASE DATA***

Click the plus to see the base data layers that are available. Multiple layers can be added. Layers that are not available at the current map scale will be disabled and not available for selection. The States layer is on as a default.

### ***MORE LAYERS***

The more layers link opens the Suggested Services pop up.