

Day 2: Mapping Activities

Add data from a CSV

Data can be entered into an Excel spreadsheet. The spreadsheet is then saved as a csv.

Preparing the data

1. Go to the workshop Web site, <https://sites.wp.odu.edu/MapsRUS>.
2. Download the x_y_coordinates to your computer's desktop.
3. Open the file. Why are there negative numbers?
4. Save as the file as a .csv. Make sure there are no spaces in the file's title. Underscores are ok.

Note: CSV files can only support 1 page. You may receive a number of error messages before it is accepted.

Adding data to the map

1. Log into <http://arcgis.com>. Sign in with your org credentials.
2. Click the Add button and select Add layer from file.
3. Browse to the location of the file on the desktop and click IMPORT Layer.



Dots for the locations should appear.

4. Save the map. Be sure to give it a name, appropriate tags, and your initials.

Analyze the map

1. Examine the map. Two of the locations are in the oceans of the eastern hemisphere.
2. Look at their pop-ups and determine why they are not in the proper location.
3. Add a layer of Map Notes.
4. Add a symbol to the two locations in the ocean. In the description field, explain why the place missed the proper location.
5. Save your map.

What tools do you have to use with this map?

Use the tools to make the map tell a story.

What could you do to make the map more appealing?

Could you add the layer you just created to another map? How?

Make a Presentation in Map Viewer

A presentation is attached to a map and provides the opportunity to automatically zoom to specific areas. It consists of a series of slides.

Open a map, select from those within the org or retrieve one you have already created. Make sure you have shared in publicly in our Shared Public Account. Search for the map in ArcGIS Online and then add it to your account.

Search for Open and save the map.

1. Click Create Presentation on the upper right of the map.
2. If prompted click the save button to save your map.

3. The computer does magic preparing an app.



4. To add a slide, click add.
5. Give the slide a title. It will appear on the screen.
6. Zoom into the segment of the map to be featured.
7. Click SET to CURRENT.

Could bookmarks be useful here?

8. Select the layers to show. The example only has one layer.
9. Change the basemap if desired.
10. Decide whether or not you want the pop up to be open when the map zooms to that area.

Save the presentation.

You can toggle back and forth between the map and presentation. Any changes made to the map will automatically show in the presentation.

You can reorder the slides.

To share the presentation, capture the URL when the presentation

is open. Share the URL via email or your class' Web site.

In My Content you have a choice of opening the map or the presentation. Check it out.

Create a Story Map Journal

Navigate to <https://storymaps.arcgis.com/en/app-list/map-journal/tutorial/>

Toggle between the directions and the app.

Certain Main Stage Map actions can be controlled through the Configuration menu.

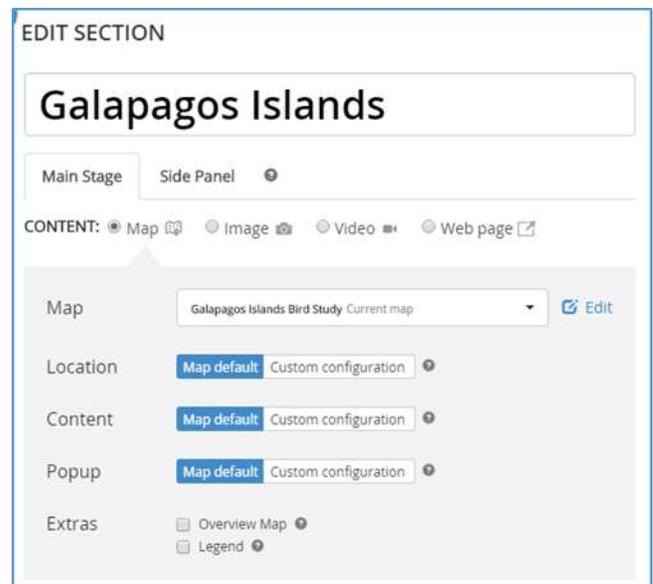
You can

- change the extent of the map (location)
- select the layers will be displayed (content)
- Have a pop-up open when the map loads (Popup)

Note you all set the availability of the legend here.

You can add images and text to the side panel.

Check your story maps out in [My Stories](#) and then logging into your account.



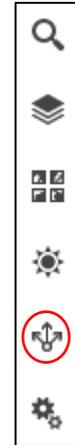
Create 3 D Models in Scene

1. Navigate to Scene from the top menu.
2. Change the basemap to Imagery.
3. Search for the volcano or city by name at the spy glass in the upper right.
4. Use the plus sign to zoom in.
5. Click the four headed arrow to turn it on change the aspect of the image to 3D.
6. Click on the map to rotate the view. Use the circular icon with arrow to rotate the view.
7. The arrow points north to reorient the map.
8. Click Slides, Capture Slide from the top left.
9. Give the slide a name.
10. Click done. Save scene.
11. View Item details.
12. Share the scene appropriately.

Link the Scene to a Story Map Journal

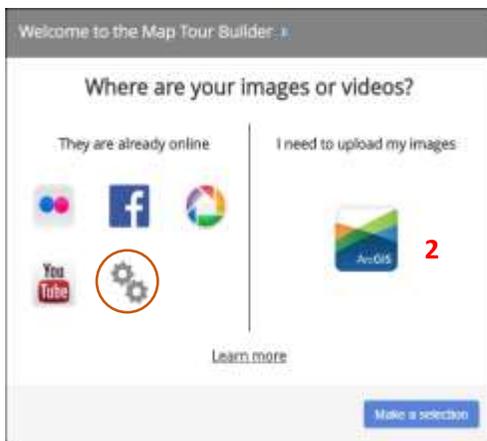
1. Open the finished scene.
2. Click on the slide image at the bottom.
3. Click the share icon from the list of icons in the upper right, fifth from top.
4. Copy the short link to the scene.
5. Use that link in the story map journal as a web page.

Be on the lookout for more developments in scene with future upgrades.



Create a Story Map Tour from a CSV

1. Download the photo story Excel file from our Maps R US Wordpress site at <http://sites.wp.odu.edu/MapsRUS>, Day 2 Content.
2. Open the file in Excel and examine its set-up. Save as the file as a .csv which the computer can read.
3. Go to My Content. Select Create, App, Using a Template and then Build a Story Map, Story Map Tour.
4. Step 1: Click Create Web App and fill out the title and tags.
5. Step 2: Select the cogs from the left side of the box.



6. Step 3: Import Tour data from a CSV File
7. Click Import.
8. Save and Share your Tour.



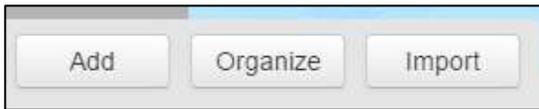
More detailed explanation at [Story Map Tour Tutorial](#).

Create a Story Map Tour with Images from the Web

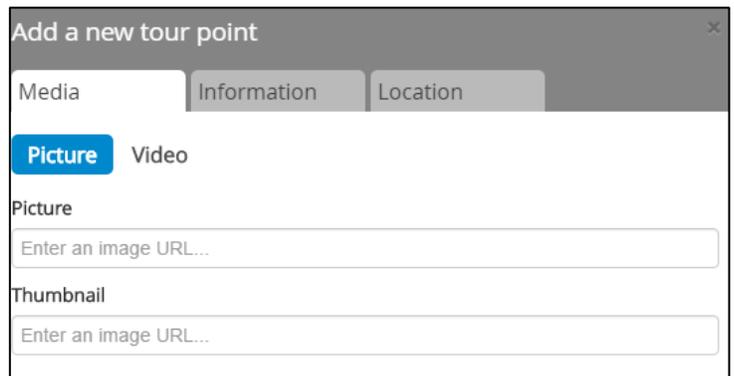
1. Compile a list of places and URLs for images.
2. Complete Steps 1 and 2 as described previously.



3. Select, Start a new Tour.
4. You will be presented with a map. Click Add.



5. Paste the URL to the image in both lines.
6. Fill out the Information tab in which you provide a name and a caption.
7. Fill out the Location tab, place the pin the proper location on the map.
8. You can select the color of the pin
9. Use latitude/longitude or by a place name or address to assist in its location.
10. All three tabs must be filled in before you can add the tour point.



Explore Other Story Map Apps

Two methods to access the configured Web apps from a map via Share or from My Content as done previously.

1. Open a map. Save the map.
2. Share the map.
3. Select Create a Web App from the bottom of the Share interface.
4. Choose from the other Story Maps in the Build a Story Map category: Story Map Basic or Story Map Series.
5. From a map, click share, then select a map.



Consider which would be best for your needs, a Story map or a presentation?