

ArcGIS Online-Story Map Tutorial

<http://storymaps.arcgis.com/en/>

Purpose: Using ArcGIS Online-Story Maps Application, the session will cover how to combine text, images and videos into a story map that you use geography as a means of organizing these information online. It will be useful for many disciplines for teaching and presentation, especially catching on among journalists.

NOTE: Use **Chrome or Firefox**. MS Internet Explorer is not well supported.

Tools Need: Any spreadsheet (Excel or Google Spreadsheet).

1. Create an ArcGIS Online Account

Context: Story Maps is an application of ArcGIS online. In order to access the Story Maps tool, it is essential that you need a free account set up with ArcGIS online in advance before the workshop.

Go to ArcGIS Online (<https://www.arcgis.com/home/createaccount.html>) to create your own account. Your story map will be also saved in the ArcGIS online server and you can access to it with your user name.

2. Get familiar with Story Maps Application

Context: Story Maps have three major style templates: Story Map Tour, Story Map Cascade and Story Map Journal. See the styles: <http://storymaps.arcgis.com/en/app-list/> and the Gallery: <http://storymaps.arcgis.com/en/gallery/#s=0>

Begin with familiarizing yourself with the various Map Styles and choose a style that fits you best for you story.

3. Learn more Story Maps: <https://learn.arcgis.com/en/projects/get-started-with-story-maps/>

Context: Each lesson plan has a detailed tutorial on how to procedure the steps: Upload your images, Build Tour and Write the text. Click on one session such as Story Map Tour and see what options are available within the style. Also each style has slightly different rules and access (i.e. only landscape oriented pictures accepted for Story Map Journal ; videos should be accessible through your YouTube account only or not; hyperlink in the text is not available for Story Tour).

4. Hands-On Exercise with Story Map Tour with Side Panel option

Context: you can go to this template (<http://storymaps.arcgis.com/en/app-list/>) and click, the **Build** button and add your information (text, image or videos, maps) interactively to build your story. However, it is easier to upload your spreadsheet to a story map application that will plot it for you on a map. Also you need to think and organize your places and their contents before you enter this application.

Note: You don't need to create a web map with ArcGIS Online to create a Story Map using this tour template.

Procedure: Create your spreadsheet using Excel or Google Spreadsheet

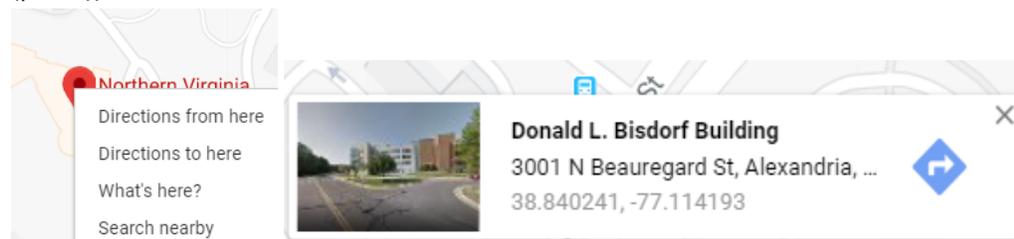
1. With field names : **name, caption, latitude, longitude, pic_url, thumb_url** The six field names should be exactly as the same as the shown here because they are the specified field names required by the application.
2. Save your spreadsheet in **CVS**

NOTE: Instead of latitude and longitude, you can use address of each point. then you need to use separate columns for address, city , and state, Zip. Story Maps applications only accept csv or txt format.

3. Enter the information of each field in your spreadsheet in a separate row such as latitude and longitude and image URL (See the procedures below) except caption (description) field. [Exercise Content: your weekly activity space in your local environment]

Procedure: Find latitude and longitude for your point.

- Go to Google Maps (maps.google.com)
- Search an address or a place (such as NVCC, Alexandria)
- When a location marker appears on the Google base map, **right click** your mouse on it>chose, **What's here?** (see the left figure below)
- Check the bottom of the map. You will see the information appeared like the the right figure example below) and copy and paste the latitude and the longitude information to your spreadsheet under each column (use short cut such as Ctrl-C (copy) and Ctrl-V (paste))



Procedure: Find a pic_url or thumb_url for your images

NOTE: you need to use public domain images (non-copyright protected).

- Go to Google Images Search (images.google.com).
- Search images that you want to use (i.e. type, NVCC Alexandria). Then, go to **Settings** (on the menu bar)> **Advance Search**. then usage rights (on the bottom)>

free to use or share option. This will filter down your search image result with only public domain (creative common licensed or non-copyright protected)

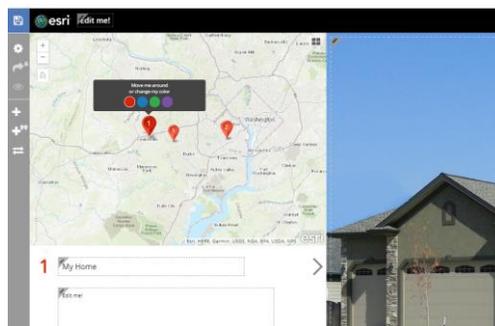
- Choose one image that you like to include in your story map and **Right Click** your mouse on the image, **Copy Image Address on Chrome (Copy Image Location on Firefox)**. Copy and paste the address to your excel row under pic_url (the address should be ending **.jpg .png or .gif**). NOTE: you can use the same pic_url for thumb-url unless you have a thumb_url of the image or you can leave the thumb-url info blank.
- Save your spreadsheet in CSV (save as> type a file name (i.e. storymap_xx) in comma delimited) after you enter all latitude and longitude and pic_url information. Caption is the description information about each place. It is easier to enter your text (caption) within story map builder mode.

Procedure: Upload and Edit your spreadsheet to Story Map Applications

- Go to the Story Map Applications (<http://storymaps.arcgis.com/en/app-list/>)
- Choose a style, **Story Map Tour** (i.e.) and click “BUILD, log in with your ArcGIS online username and password.

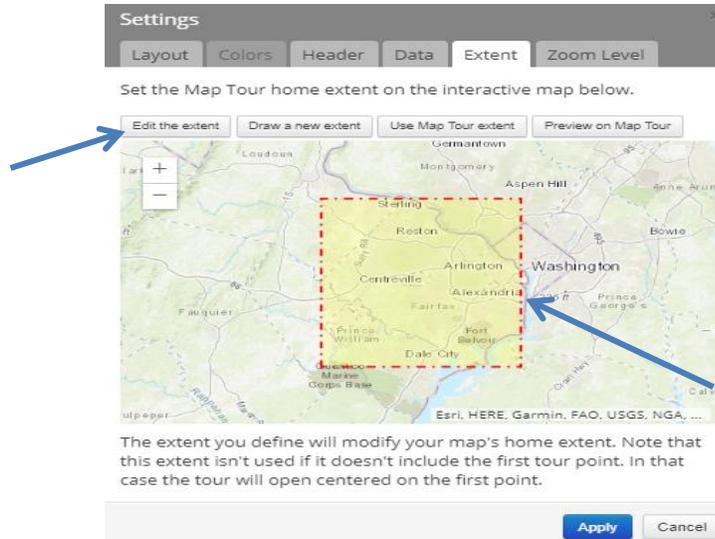


- Click on Advanced option  from the screen
- Import the tour data from a CSV file and locate your CSV file on your compute, then hit, the Import button
- You will see a screen like this below. your picture is automatically shown in the right and the map is automatically in the left side



- Click **Edit me!** on the top (the pencil icon) and type your title of your story (i.e, My Weekly Activity Place or My Visiting Places, etc.)
- Edit a title of each point and a description (<350 characters) associated with this place.
- Organize your tour points by click on  on the left side of the navigation bar

- Click on  on the left side of the navigation bar and click, EXTENT>Edit the extent to modify your map size if your map does not include your last tour point—by dragging the dotted line.



- Save your map by clicking on  on the top left corner of the map.
- Make your map shareable by clicking on  so that anyone with the link can see your story map (After this assignment, you can remove this shareable option too).
- Done with your story map.
- Once it is published, you can edit or change it by clicking switch to builder mode (go to www.arcgis.com and sign in your account, then click on “Content” menu to see your saved story map application).

OPATION : Add another tour point, click on  and click Picture or **Video** button and input the video URL. You can use images directly available through Flickr or YouTube (need to have Flickr or YouTube account and those should be publically sharable).

See the detailed information to add Videos for Story Map Tour template:

<https://www.esri.com/arcgis-blog/products/arcgis-online/uncategorized/add-youtube-videos-to-your-story-map-tour/>

See Story Map FAQ site for more help: <http://storymaps.arcgis.com/en/faq/#category4>