



HELP DOCUMENT

INTRODUCTION

This document is meant to be used alongside the materials and instructions for the 2018 Florida ArcGIS Competition. It provides detailed steps and explanations for the processes needed to complete a map project. To follow along, make sure that you have ArcGIS Online open and you are logged into your account. For more information about that initial set-up, you can refer to the contest website at:

www.flgiscompetition.com.

For further help, feel free to contact flgiscompetition@ispa.fsu.edu.

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1 DATA MANAGEMENT AND ARCGIS ONLINE TIPS

ArcGIS Online does not have an Auto-Save feature so it is important that you save early and often to your account to ensure that you do not lose any work. When you are adding data you should also think about who “Owns” the data and how you are able to edit it.

At the beginning of the activity, you will open a starter map to use. From here, you should “Save As” to “Your Content” so that you can keep track of your edits.

2 PREPARED DATA SETS AVAILABLE

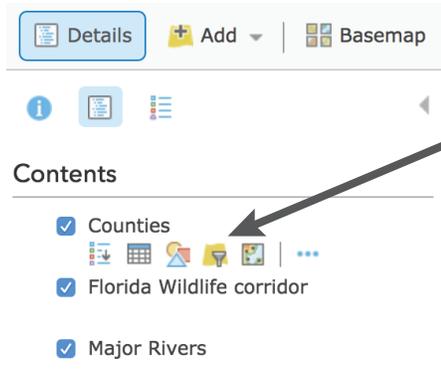
Throughout the activity, you will be asked to use different data sets. We have prepared all of the data for you in a manageable format. Many of the large data sets have been cut into count-by-county pieces to limit confusion. Feel free to use other data sets if you want to add another dimension to your project and suggested analysis. You will need to find these data sets on your own, but we are willing to help if you get stuck adding or finding other data sets. The following data sets are available publicly online and can be found by searching for the tag “Florida Go Green”

- Florida Wildlife Corridor
- County Boundaries
- Highways
- Major Rivers
- Satellite Imagery

3 SPATIAL ANALYSIS STEPS

Isolate Your County

Navigate to the left panel and make sure Details > Content is selected. This panel contains your data layers and gives the ability to conduct analysis. Hovering over the “Counties” layer displays the many tools available. We are looking for the Filter tool. This will allow us to only display the attributes most relevant to us.



This is the filter tool and will bring up a dialog box when clicked.

In this example we are interested in Lake County. Using the drop-down box, we will select the column we are interested in. If you pick the “Unique” radio button then you will be presented with a list that you can pick from.

A screenshot of a filter query dialog box. It contains three dropdown menus: 'NAME', 'is', and 'LAKE'. Below these are three radio buttons: 'Value', 'Field', and 'Unique'. The 'Unique' radio button is selected. There is also a checkbox labeled 'Ask for values' which is unchecked.

Here is how your filter query should look

Once this filter is created, we will just be left with Lake county being visible in the Counties layer. This process can be completed on any other county by simply replacing “Lake” with the county of your choosing.

4 STORY MAPS

If you visit <http://storymaps.arcgis.com/en/app-list/> you can start the process of making a story map and include the map you just made.

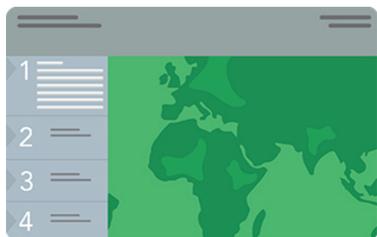
Story maps are a great way to lead a map reader through your thought process of you map and lead them to a certain conclusion. In this case, your conclusion would be the suggested parcel to be added to the Florida Wildlife Corridor.

Depending on the narrative you want to tell, you can choose a story map layout that will best match your storytelling flow.



Story Map Tour

Present a set of photos or videos along with captions, linked to an interactive map.



Story Map Series - Side Accordion Layout

Present a series of maps, and accompanying text and other content for each map, in an expandable panel. Clicking a title selects the map and expands the panel to reveal the text.



Story Map Journal

Create an in-depth narrative organized into sections presented in a scrolling side panel. As users scroll through the sections in your Map Journal they see the content associated with each section.

Best of all, be creative with your story map! There are a bounty of resources available online through ESRI that are linked on the final page of this document that can help you stand out and tell a great story.

5 GLOSSARY

Basemap

the map layer (usually on the bottom) that forms a base for other data

Parcel

a distinct, continuous portion or tract of land.

Satellite Imagery

an group of areal pictures that are put together over a map

6 IMPORTANT LINKS

Description	Name	URL
ArcGIS Online		http://arcg.is/1qljbR0
Story Maps	Main Overview	http://arcg.is/1jfLTQX
	Map Tour tutorial	http://arcg.is/1dWdggX
	Map Series tutorial	http://arcg.is/2ovTs0C
	Map Journal tutorial	http://arcg.is/2ow2mej