Exercise

Tell a Story with Imagery in ArcGIS Online

Section 7 Exercise 1

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Tell a Story with Imagery in ArcGIS Online

Instructions

Use this guide and ArcGIS Online to complete the exercise.

Note: ArcGIS Online is a dynamic mapping platform. The version of ArcGIS Online that you will be using for this course may be slightly different from the screenshots you see in the course materials.

Time to complete

Approximately 45 minutes.

Technical note

To take advantage of the web-based technologies available in ArcGIS Online, you need to use a fairly new version of a standard web browser, such as Google Chrome, Firefox, Safari, or Internet Explorer. Older web browsers may not display your maps correctly.

Note: For information on supported browsers for ArcGIS Online, visit http://doc.arcgis.com/en/arcgis-online/reference/browsers.htm.

Introduction

Hi! Kevin here, your instructor for *Earth Imagery at Work*. You've watched the demo where Helen walked us through thousands of years of history, from Stonehenge to Shanghai to Washington, D.C. to Miami, Florida. At each point, she was able to use imagery to tell a story about how the land had developed, sometimes in concert with human growth, sometimes powerless to prevent massive change. She then used layers from the Urban Observatory and the Living Atlas to add more levels to these stories. In this exercise, we want to hear from you!

Earth Imagery at Work

Using ArcGIS Online and Imagery to Tell a Story

In this exercise, you will use imagery to tell a story of your choice. Be creative, explore the data, and create a web app to share your story.
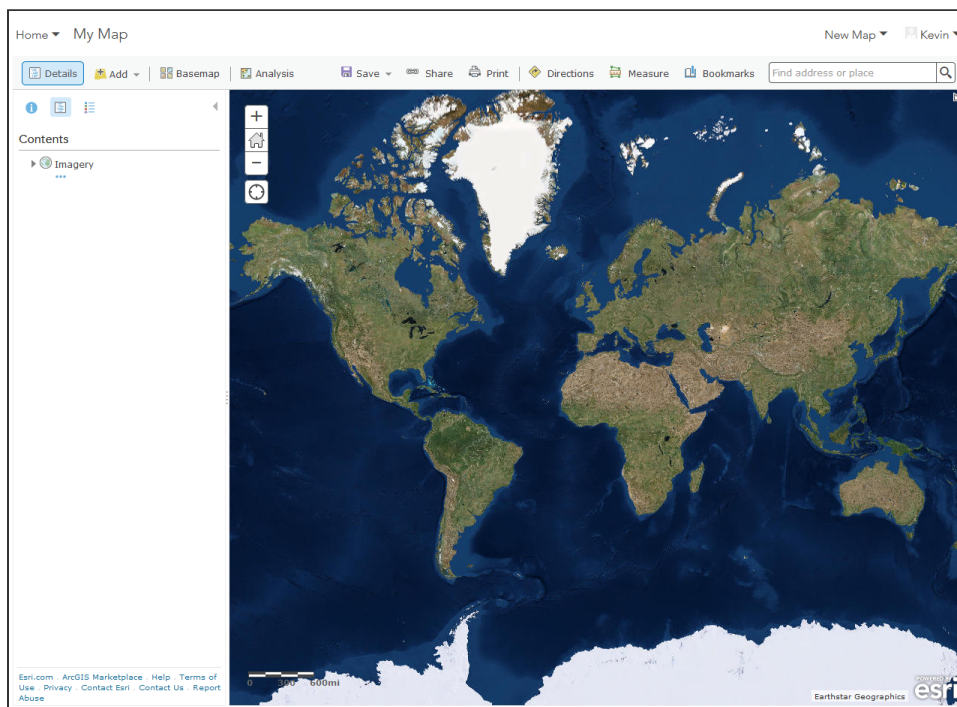
Step 1: Create a map to tell your story

ⓐ Open a new Internet browser tab or window.

b   Go to www.arcgis.com and sign in to ArcGIS Online using the credentials explained at the start of this course.

Note: The Section 1 Exercise 1 PDF explains how to determine your ArcGIS Online credentials (username and password) for this course. If you have trouble signing in, email gistraining@esri.com for assistance.

c   At the top of the ArcGIS Online window, click Map.

d   Turn on the Imagery basemap.

e   Zoom in to an area near your current location, or a location that you are familiar with, or even a place that you have never been before.

f   Examine the landscape.

What is the relationship between the topography of the land and human development?

g   Browse the Living Atlas and look for layers that you think can tell a story about the place you have selected.
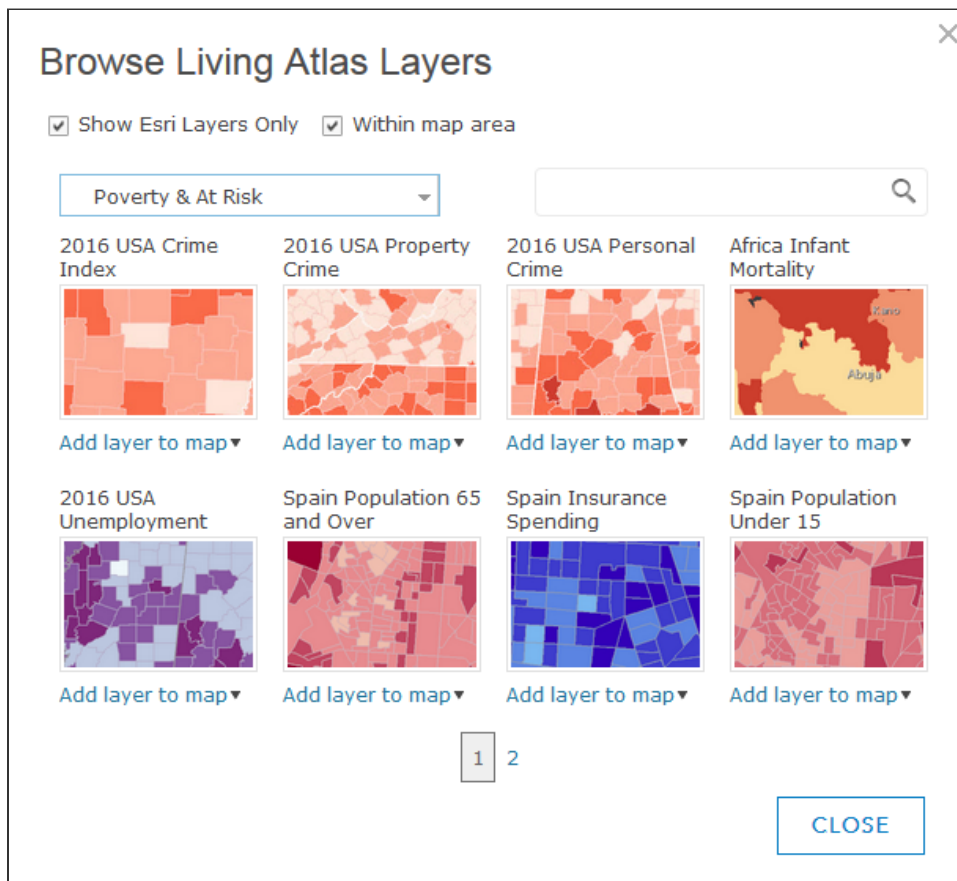
The information that you can find on these pages is great for giving you an idea of how the data can be used to tell stories, but to really see an impact, you need to put the content on a map.

(h) Return to the map that you opened with the Imagery basemap.

Step 2: Add content to your map

Now that you have found some interesting data for your story, you will add it to your map.

(a) At the top of the ArcGIS Online window, click Add to add content to your map.

(b) From the drop-down list, select Browse Living Atlas Layers, and in the search field at the top of the window, search for the layers that you found in the Living Atlas Gallery. (Alternately, you can also use the drop-down list to locate layers.)

(c) When you find layers that you want to add to your map, click Add Layer To Map beneath each layer's thumbnail.

Step 3: Create a web app to share your story

a When you have found layers that tell your story, save your map, and then share it as a web app with the Earth Imagery at Work organization.

You did this previously in the disaster management exercise in Section 4, but your tasks here are more open-ended because no two maps will be the same.

You can choose from many configurable app templates. The ones in the Build a Story Map, Compare Maps/Layers, and Showcase a Map are all great options for getting started.

Hint: Don't forget to take a look at ArcGIS Online help for information about <u>choosing a configurable app</u>.

Conclusion

Just because this exercise is wide open doesn't mean that you're on your own. We'll be available in the Udemy Q&A and at <u>gistraining@esri.com</u>, or you can email me directly through Udemy (using the Messages feature) if you run into any road blocks or need assistance. Also, don't forget that your fellow students are often a great resource, as well. And after you're finished, don't forget to share your stories with the rest of us!