

Data management best practices for geospatial storytelling

IASSIST / CARTO, May 31, 2018
Melinda Kernik, University of Minnesota
kerni016@umn.edu

z.umn.edu/storymaps_IASSIST

Poll the audience:

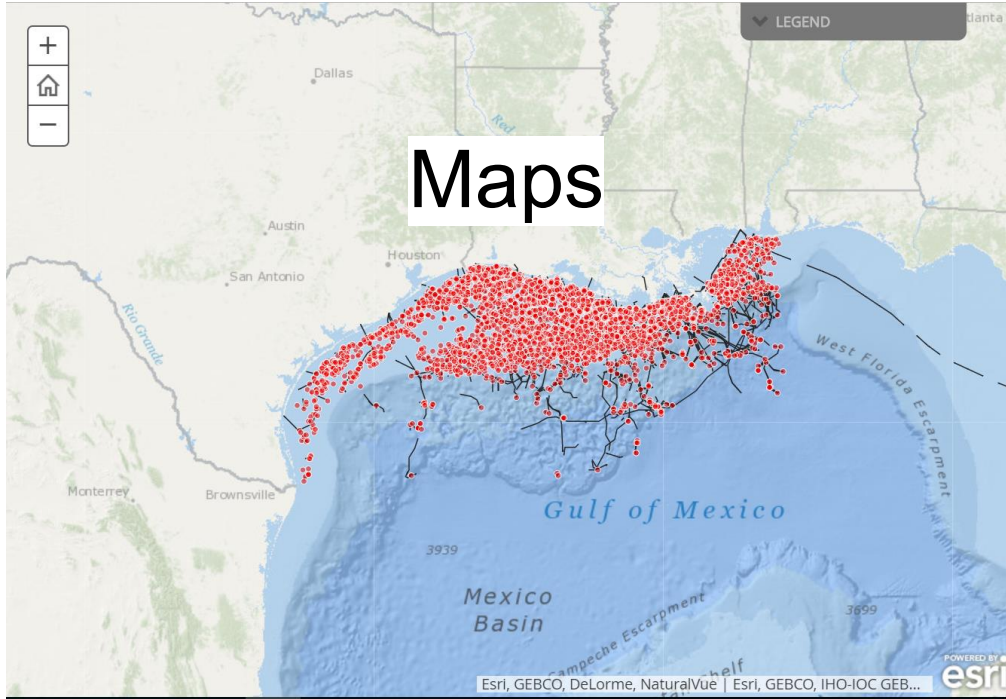
How many people....

Have made a story map?

Have advised people making story maps?

Have an administrator role for an ArcGIS Online account?

Maps



Oil and gas platforms (structures) and pipelines located in the Gulf of Mexico U.S. federal waters. A number of platforms have been taken out of service. In 2010, the Deepwater Horizon was the outcome of an oil spill that had a tremendous impact on regional biota. Click here to see the extent of the oil spill based on satellite imagery. Darker areas show where surface oiling occurred for most days, up to 60 days in the darkest areas. SOURCES: [BOEM](#), [NOAA](#)

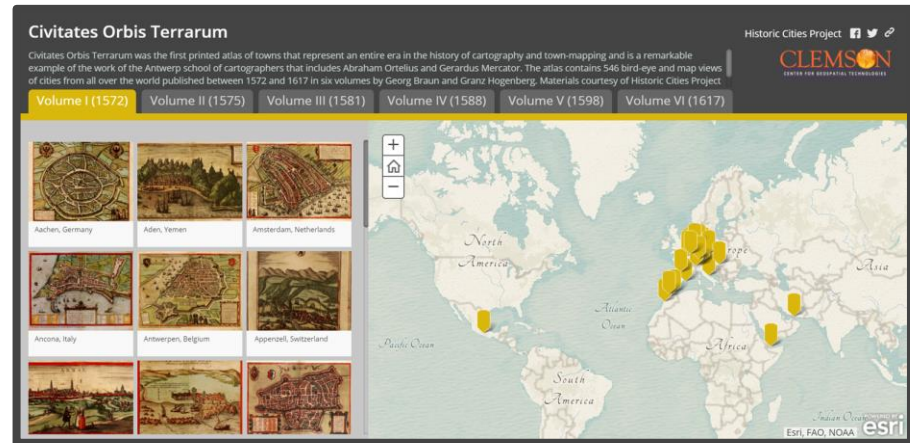
Text

Images

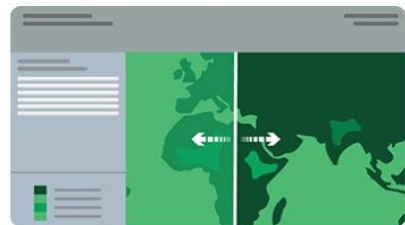


Video













CONTENT: ☐ Map  ☒ Image  ☐ Video  ☐ Web page 

 Upload  Flickr  Google+  Link

Facebook support has been discontinued, [learn more](#).

CONTENT: ☐ Map  ☐ Image  ☒ Video  ☐ Web page 

 YouTube  Vimeo  Link

CONTENT: ☐ Map  ☐ Image  ☐ Video  ☒ Web page 

Web page link

Configure

OR

Embed code

```
<iframe width="100%" height="600px"
src="https://www.example.com"></iframe>
```

Configure

Links to web content must begin with HTTPS



ArcGIS Online ▼

Q hennepin county

243 layers



Hennepin_Municipalities

by hennepin.county.maps

Updated: 2/2/18



Hennepin County
Transportation Emergency
Data

by hennepin.county.maps

Updated: 5/23/18



MnDOT Construction
Projects (Routes)

by hennepin.county.maps

Updated: 5/21/18





This site can't be reached

Something went wrong,
the map did not load
correctly.

Error

The layer, Transit, cannot be added to the map.

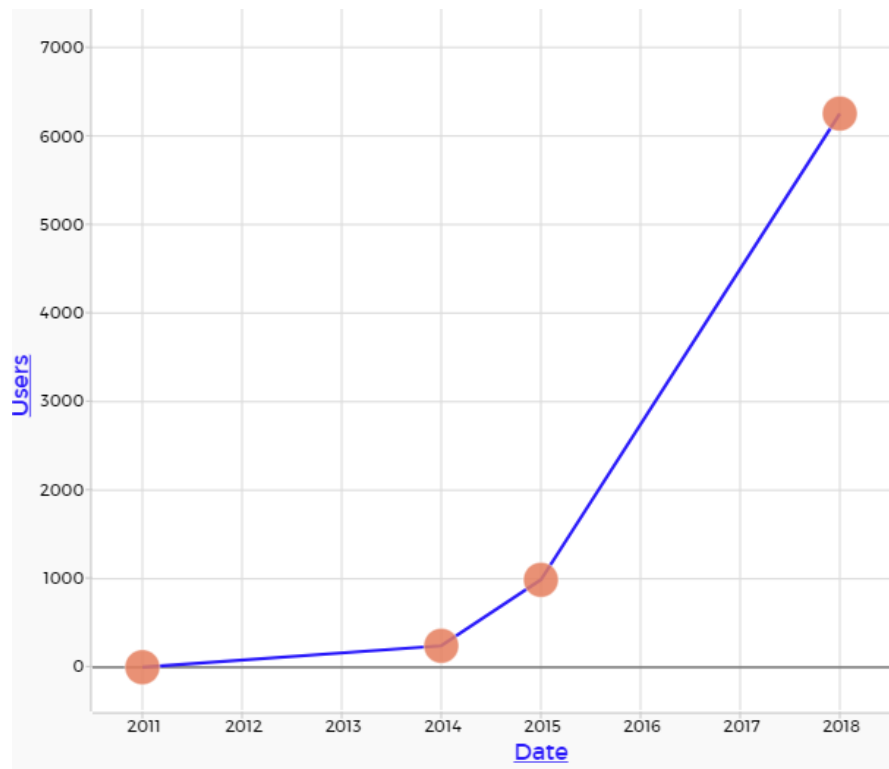
OK



An error has occurred

You are not authorized to access this story

ArcGIS Online User Accounts at the University of Minnesota



Number of Story Map Apps created or modified in the last 12 months:

1453

How to keep a story map functioning interactively
for as long as possible

How to “archive” a story map

Melinda Kernik's stories

📖 14 stories

Storytelling is the most powerful way to put
ideas into the world today.

-- Robert McKee

Search your stories...

Sort ▾

Filter ▾

📖 CREATE STORY

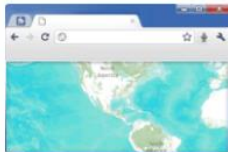
📖 CHECK STORIES



Test Story Map

Map Journal | Public | Modified January 12, 2018

10 views



Narratives of Nassau County

Map Journal | Private | Modified January 11, 2018

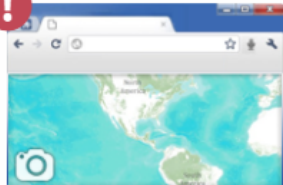
28 views



Revolutionary War

Map Journal | Private | Modified December 11, 2017

0 views



Shared: **Private**



Narratives of Nassau County

Map Journal | Private | Modified January 11, 2018 | 28 views

Summary

No summary, click to add one.

EDIT STORY

PREVIEW

DELETE



collapse

sections
3

style
side panel

maps
2

MAPS IMAGES

GALLERY TAGS

We found some issues



IGNORE

Content not owned
by you and not public



Tip: Edit your web map
and remove the layer, or
remove the web map
from your story.

Status	Name	Shared	Section
	Could Not Retrieve Map Name	NOT PUBLIC	2
	Black Churches of Nassau County		1 EDIT MAP

Someone you are advising is graduating and....

Scenario 1: Joining another institution with an ArcGIS Online organizational account

Scenario 2: Being removed as a user from an organizational account; their content no longer will be hosted

Scenario 3: Losing access to an organizational account, but their content will continue to be hosted

Scenario 1

ArcGIS Online Assistant

A swiss army knife for your ArcGIS Online and Portal for ArcGIS accounts.

Log in to ArcGIS Online

Log in to Portal for ArcGIS

I want to... ▾

Melinda Kernik (kerni016)

-  Copy Content
-  View an Item's JSON
-  Update the URLs of Services in a Web Map
-  Update the URLs of Registered Apps and Services
-  View My Stats
-  Start Over

<https://ago-assistant.esri.com/>

Scenario 2

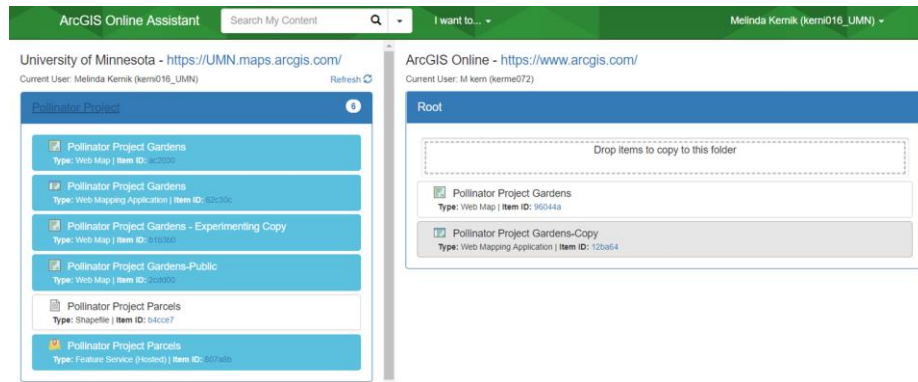
- move content to an administrator account

OR

- move content to a public account

can transfer: Feature Collections, Web Maps, Web Mapping Applications

can't transfer: Hosted Feature Services, Shapefiles, CSVs, Images



Scenario 3

- minimize broken links by hosting a copy of any data or images that your story map relies on

Home Gallery Map Scene Groups **Content**

Content

[My Content](#) [My Favorites](#) [My Groups](#) [My Organization](#) [Living Atlas](#)

[+ Add Item](#) [Create](#)


From my computer

From the web

From cloud drive

An application

 New

 Search All My Content

1 - 16 of 165 in All My Conte



Title



USFactfinder



USFactfinder

Item Type

Clear

Maps

Layers

Scenes

Apps

Tools

• Files

Documents

Images

PDFs

Add an item from my computer



File:

Choose File

CampusHistoryMaps.jpg

Title:

Campus History Maps Photo

Tags:

university of minnesota x

history x

buildings x

Add tag(s)

Add Item

Cancel

URL

View

http://umn.maps.arcgis.com/sharing/re



Folders

New

Filter folders

All My Content

kerni016_UMN

Geog1502

HIST 3401

Immigrant Letters

Pollinator Project

What about copyright?

Fair use?

Argument in favor	Argument against
Used with commentary or criticism	Decorative use
No new distribution of the item (linking to content on another website)	Providing a new distribution (hosting a copy of the content)

If hosting content for story maps, use public domain or openly licensed content (CC0, CC-By)!

Try the new **CC Search beta**, with list-making and one-click attribution!



Find content you can share, use and remix

Enter your search query

I want something that I can... ☒ use for commercial purposes

☒ modify, adapt, or build upon

Search using:

Europeana

Media

Flickr

Image

Google

Web

Google Images

Image

Jamendo

Music

Open Clip Art Library

Image

SpinXpress

Media

Wikimedia Commons

Media

YouTube

Video

Pixabay

Image

ccMixer

Music

SoundCloud

Music

Please note that search.creativecommons.org is *not a search engine*, but rather offers convenient access to search services provided by other independent organizations. CC has no control over the results that are returned. *Do not assume that the results displayed in this search portal are under a CC license.* You should always verify that the work is actually under a CC license by following the link. Since there is no registration to use a CC license, CC has no way to determine what has and hasn't been placed under the terms of a CC license. If you are in doubt you should contact the copyright holder directly, or try to contact the site where you found the content.

Add [CC Search](#) to your browser.

[Learn how](#) to switch to or from CC Search in your Firefox search bar.

English

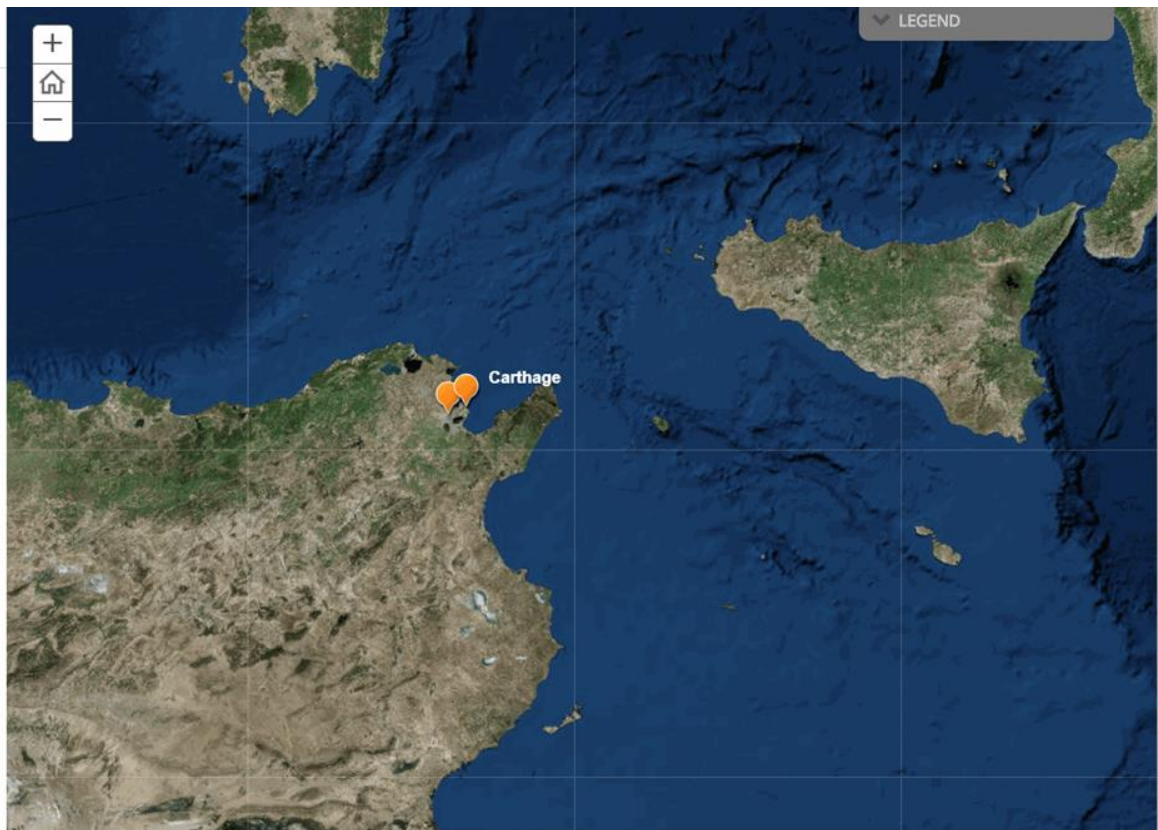
[Help Translate](#)

Archiving Story Maps

- Archive datasets, text, and other materials used to create the story map (as CSVs, SHPs, .JPGs, etc.)
- Print or export story map to PDF (an option for stories built with Map Journal and Cascade templates)

The Tale of a Mediterranean City: Mapping the History of Premodern Carthage and Tunis

This map explores the urban history of the cities of ancient Carthage and medieval Tunis from the 9th century BCE to the 15th century CE. In these nearly 2,400 years, the area around Lake Tunis in modern day Tunisia's northeast corner was home to three of the Mediterranean world's most important urban settlements. This analysis divides these settlements into three distinct urban foundations: Punic (or 'Phoenician') Carthage, Roman Imperial Carthage, and Medieval Islamic Tunis.



Archiving Story Maps

- Archive datasets, text, and other materials used to create the story map (as CSVs, SHPs, .JPGs, etc.)
- Print or export story map to PDF (an option for stories built with Map Journal and Cascade templates)
- Create narrated screencasts of interacting with a story map

Cross-Cultural Interaction and Migration: Retheorizing Greek Colonization in the 7th -4th Centuries BC with the Exchange of Attic Figured Pottery

Faulkner-Gentry, Ivy (2018)



Published Date

2018-03-29

Author Contact

Faulkner-Gentry, Ivy (faul0078@umn.edu)

Type

Dataset

Observational Data

Spatial Data

Abstract

This data is part of a doctoral dissertation study on the exchange of Attic figured pottery between Greek settlers and local populations in Western Europe and the northern Black Sea in the 7th-4th centuries BC. This data compiles instances of Attic painted pottery in these regions with deposition context information as well as item descriptions and references.

This data is also visualized geographically using ArcGIS Online (Esri), the results of which are shared via pdf and shapefiles. This data can be used to analyze inter- and intra-regional interaction and may form the foundation for expanded research on Greek migration in the Archaic period to other regions.

License

Attribution-NonCommercial-ShareAlike 3.0 United States

Suggested Citation

Faulkner-Gentry, Ivy. (2018). Cross-Cultural Interaction and Migration: Retheorizing Greek Colonization in the 7th -4th Centuries BC with the Exchange of Attic Figured Pottery. Retrieved from the Data Repository for the University of Minnesota, <https://doi.org/10.13020/D6WQ2G>.

[Show full item record](#)

Persistent link to this item

<https://doi.org/10.13020/D6WQ2G>

<http://hdl.handle.net/11299/195150>

Services

[Full Metadata \(xml\)](#)

[View Usage Statistics](#)

View/Download file

File View/Open	Description	Size	Format
ReadmeCodebook.txt	Description of the data	9.926Kb	Text file
Faulkner-Dissertation_Maps-Shapefiles.zip	Shapefiles related to dissertation maps	54.09Kb	application/zip
Appendix 5- Dissertation Research.csv	Attic Pottery Database	1.415Mb	CSV file
Faulkner_Dissertation_StoryMaps.pdf	Static PDF of dissertation story map	45.69Mb	PDF

View/Download file				
File View/Open	Description		Size	Format
ReadmeCodebook.txt	Description of the data		9.926Kb	Text file
Faulkner-Dissertation_Maps-Shapefiles.zip	Shapefiles related to dissertation maps		54.09Kb	application/zip
Appendix 5- Dissertation Research.csv	Attic Pottery Database		1.415Mb	CSV file
Faulkner_Dissertation_StoryMaps.pdf	Static PDF of dissertation story map		45.69Mb	PDF

DATA-SPECIFIC INFORMATION FOR: [Faulkner-Dissertation-Maps-Shapefile.zip](#)

Layer List (Story Map sections that rely on this data layer)

- A. Name: [Sites \(Sections 1 and 2\)](#)
Description: Distribution of sites in study
- B. Name: [Western_Europe_Deposition_Types \(Section 3\)](#)
Description: Distribution and artifact density of different deposition contexts in Western European region
- C. Name: [Black_Sea_Deposition_Types \(Section 4\)](#)
Description: Distribution and artifact density of different deposition contexts in northern Black Sea region



Questions?

kerni016@umn.edu

Slides available at:
z.umn.edu/storymaps_IASSIST

Resources

[ArcGIS Online Assistant Tool](#)

[ESRI's Digital Millennium Copyright Act Policy](#)

[Avoiding copyright infringement in your Story Map](#) (Bern Szukalski, 2018)

[GeoNet - Archiving story maps](#)