

The World at Your Fingertips

MAKING ARCGIS ONLINE WORK FOR YOU

A solid orange horizontal bar at the bottom of the slide.

What is a Geographic Information System (GIS)?

A software system where the user inputs and interacts with a variety of spatial data to

- Visualize
- Question
- Analyze
- Interpret
- Reveal relationships, patterns, and trends



ArcGIS Online

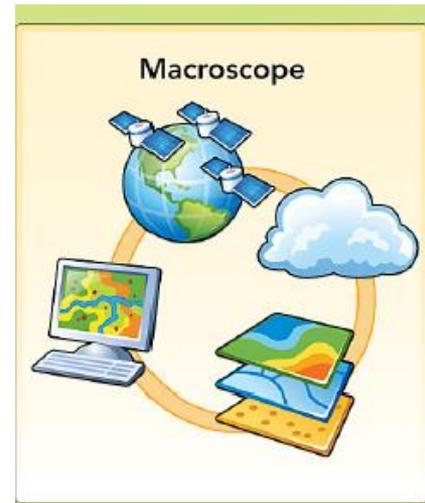
ALWAYS USE GOOGLE BROWSER

Cloud-based GIS

Hosts your maps, maps made by others

Hosts map layers

Provides basemaps



Guiding Principles

Everything occurs in time and space.

Maps are more than location.

Inquiry unlocks meaning.

He or she who interacts with the map learns the most.



Interacting

<https://Madeira.maps.arcgis.com>

Acquire Complete a GeoInquiry (scripted lesson)

Google docs at <https://esriurl.com/geoInquiryWorkSheets>

GeoInquiry App (in Madeira portal)

Explore Use tools: measure, change basemaps, add bookmarks, find lat, long, search for places

Add information to a map—**annotations**, spread sheet data, **“found” layers**

Represent —change symbols, filter, classify data

Analyze patterns, aggregate data, create hexabins, create buffers, drive times (Level 2 Geoinquiries)

Creating

Build a map

Add layers and remove layers from a map

Annotate a map, add pop-ups images

Presentation

Web App Builder

Story Map

Annotating

Add > search for layers >usphysical2 by gchribar_norfolkps, in arcgis online

1. Save map.
2. Add Map Notes layer.
3. Search for a place.
4. Find a suitable Internet-based image (jpeg, png, gif).
5. Google images are good, most copyright free. Library of Congress
6. Obtain the image address (URL) to the image.
7. Trigger the editor. Place (not drag) a pin to the location.
8. Title, Paste the image address on first line, write information.
9. Close attaches the information to the map.
10. Test the image (turn off the editor)
11. Save the map.
12. Share the map.
13. [Sample map](#)

Managing

Must be logged into the org to save “stuff.”

Groups manage students.

Can be in more than one group.

User names and passwords must be unique in the org.

Passwords must have 8 characters, letters, numbers and can have \$, _, and !

The New Story Maps

Advantage—more adaptable to phone and other devices.

One web page

Integrates new web technology

Work in progress more functionality to be added over time

Scripted Story Map with focus on the tools.

Resources

MapsRUS <https://sites.wp.odu.edu/mapsrus>

Virginia Geographic Alliance Website <https://vga.maps.arcgis.com>

Maps for Geographers App (link Madeira portal)

[Learn](#) GIS lessons

[Teach](#) with GIS

[ArcGIS Book](#) and the [Instructional Guide for ArcGIS](#).

The [ArcGIS Imagery Book](#) and its [Instructional Guide](#)

VGA Webinars (see list next page)

Help? cgchribar@gmail.com or ghribar@odu.edu

Upcoming VGA Webinars

December 5, Tips for Creating Quality Story Maps

January 9, Tips for Creating Quality Web Apps

January 30, Using Analysis Tools

February 20, Participant Driven Questions Galore and More

VGA/ESRI Story Map Competition URL: <https://bit.ly/31BXNyw>