Introduction to ArcGIS Online – Part 1

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Housekeeping

- My assistant: Yun Shen
- This session is recorded.
- Ask questions in Zoom Chat.



Outline

- Part 1
 - ArcGIS Online –What is it?
 - General Workflow (Step 1 2)
 - Explore ArcGIS Online (Hands On)

- Part 2
 - Review Steps 1 and 2
 - General Workflow (Step 3 4)
 - Permissions
 - Create Application/StoryMap (Hands On)

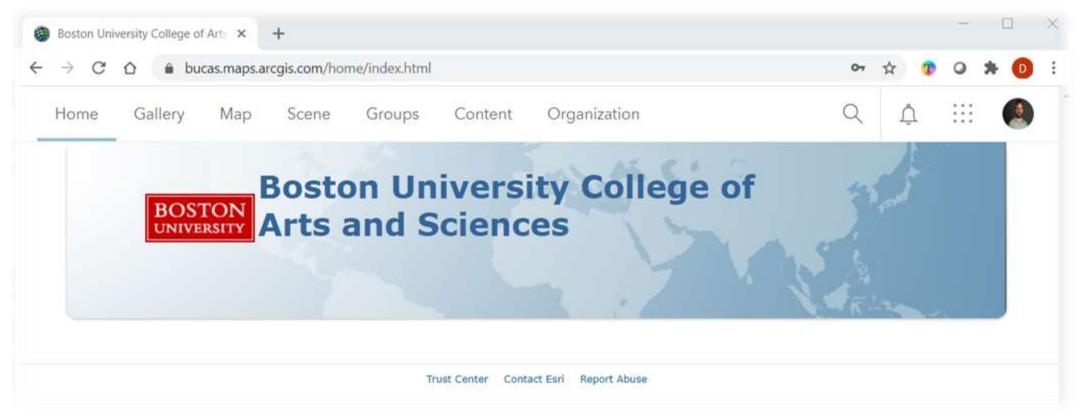


ArcGIS Online – What is it?



ArcGIS Online – What is it?

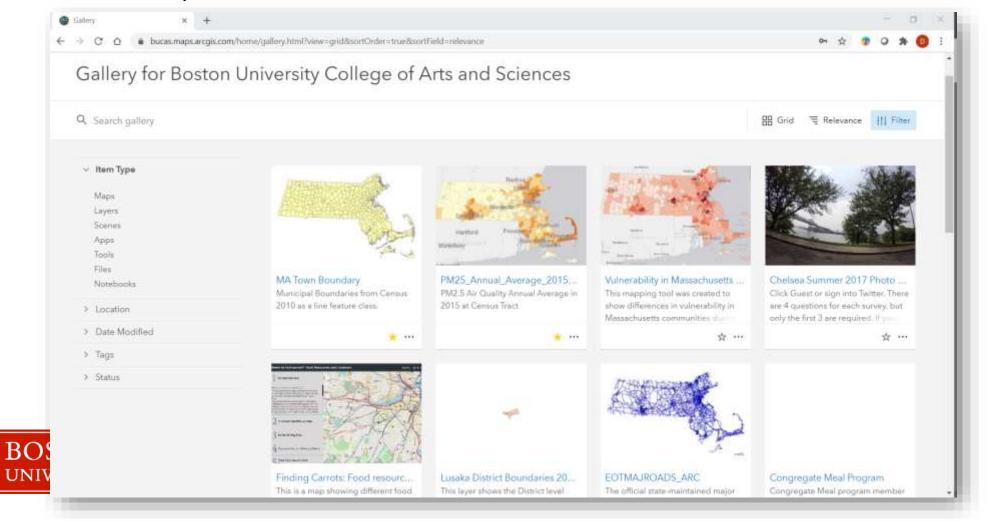
Cloud Platform





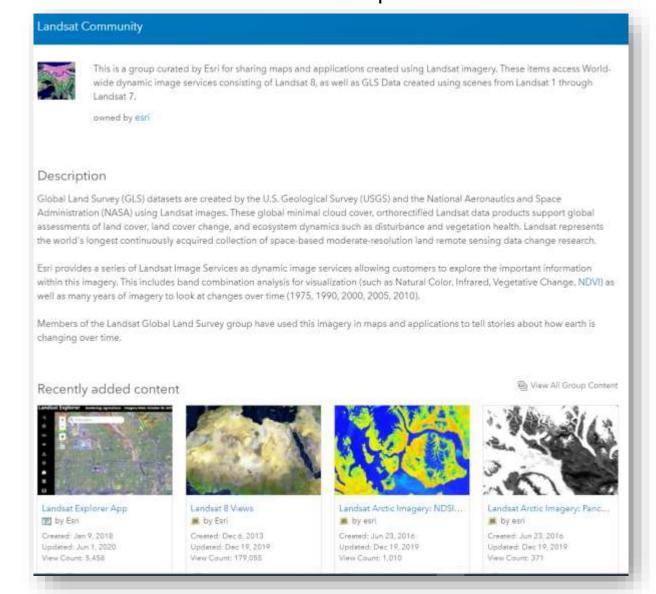
ArcGIS Online – What is it?

Share data and maps with others



ArcGIS Online – What is it?

Create Groups to collaborate or share data with specific audience



Additional Reading:

https://doc.arcgis.com/en/arcgisonline/share-maps/share-contentwith-collaboration-participants.htm



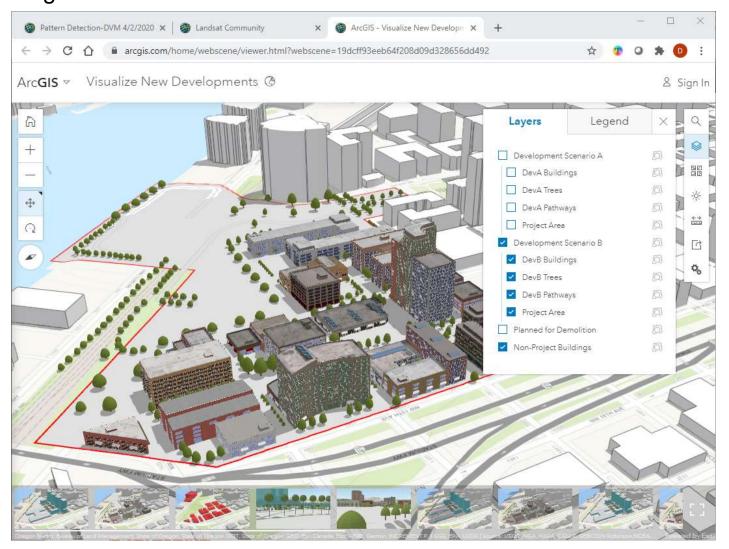
ArcGIS Online – What is it?

Import Data and Explore Data in Web Map.



ArcGIS Online – What is it?

Show data in 3D using Scenes





ArcGIS Online – What is it?

Create Applications (Apps) to share your findings.

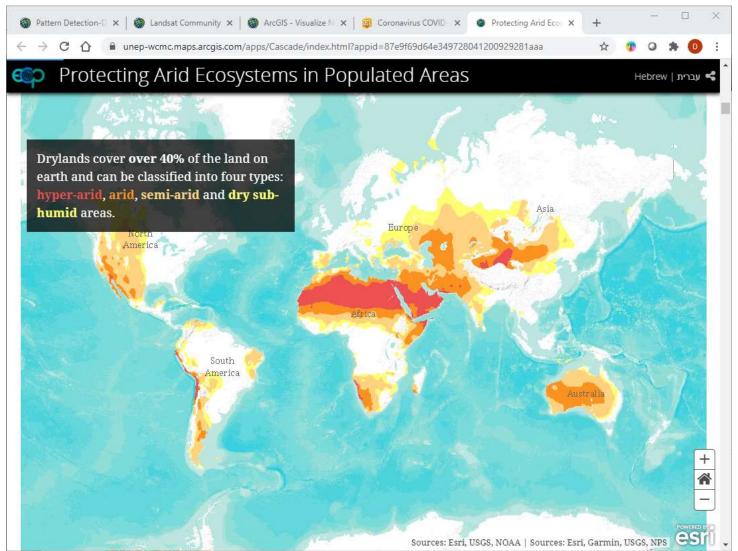




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ArcGIS Online – What is it?

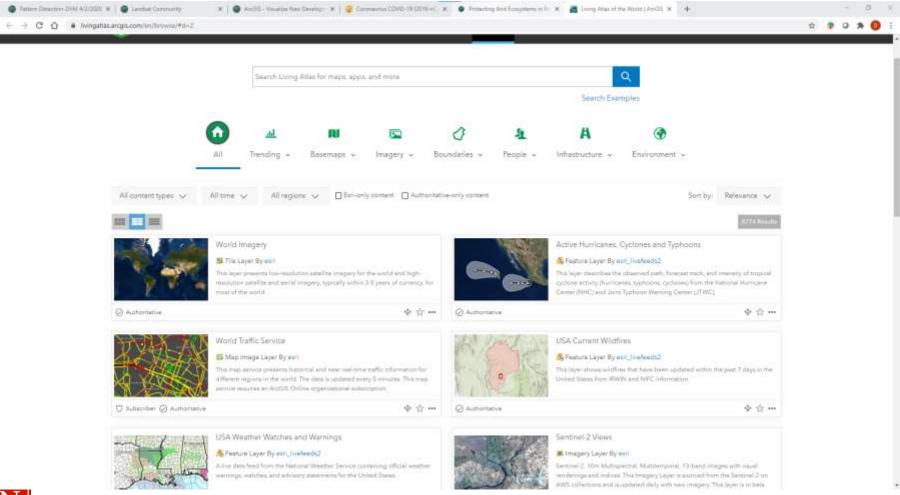
Create **Story Maps**.





ArcGIS Online – What is it?

Searching Living Atlas





ArcGIS Online – What is it?

Lesson Gallery

https://learn.arcgis.com/en/gallery/

Story Map Gallery:

https://storymaps-classic.arcgis.com/en/gallery/#s=0



ArcGIS Online – What is it?

- Cloud Platform for storing data, images, layers, and applications.
- Share data and maps with others
- Create interactive map applications
- Commercial/Paid service
- Funded by CAS IT
- Each account allocated "credits"
 Credits by capability:

https://doc.arcgis.com/en/arcgis-online/administer/credits.htm#ESRI_SECTION1_709121D2C7694DCAB9B8592F36F7A5BA

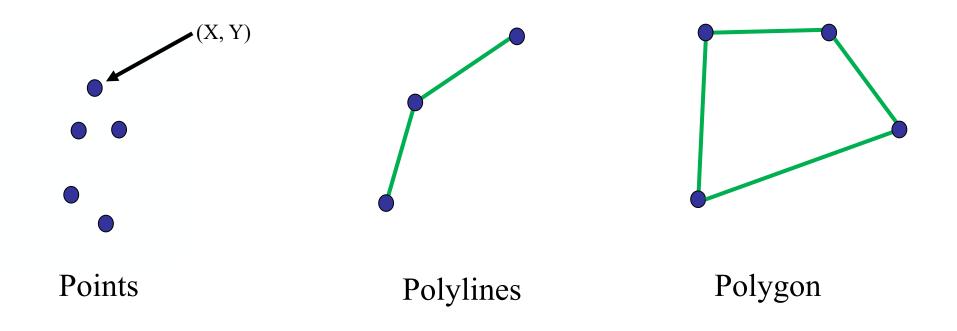


Step 1 – Find/Upload Layers



Step 1 – Find/Upload Layers

Vector Data



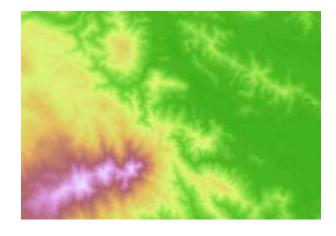


Introduction to GIS Theory 1/14/2021

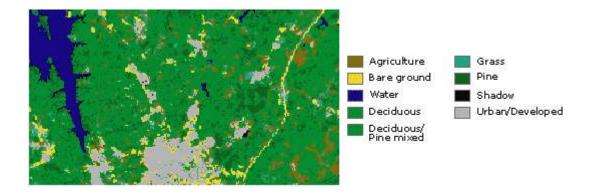
Step 1 – Find/Upload Layers

Raster Data









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Step 1 – Find/Upload Layer

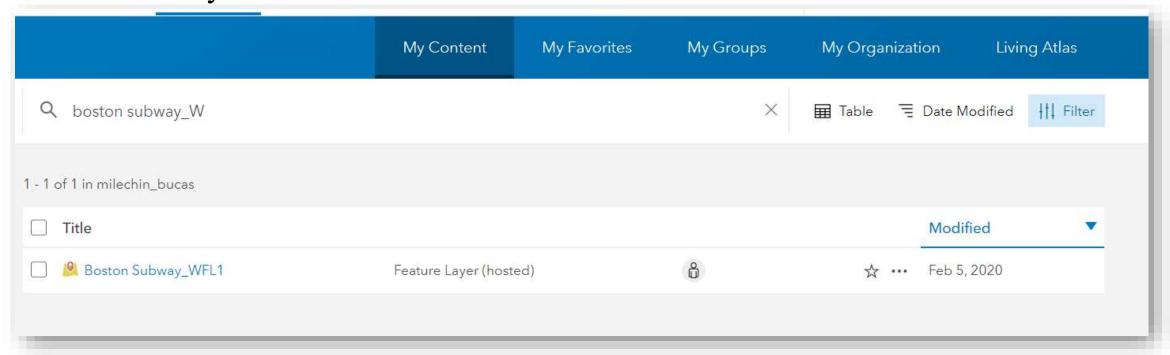
- Find existing data shared by others on ArcGIS Online
- Upload your data to ArcGIS Online
- Create maps in ArcGIS Pro and upload it to ArcGIS Online

 In general, the data needs to be either already available in ArcGIS Online platform or you need to upload data to it.



Step 1 – Find/Upload Layers

Feature Layer



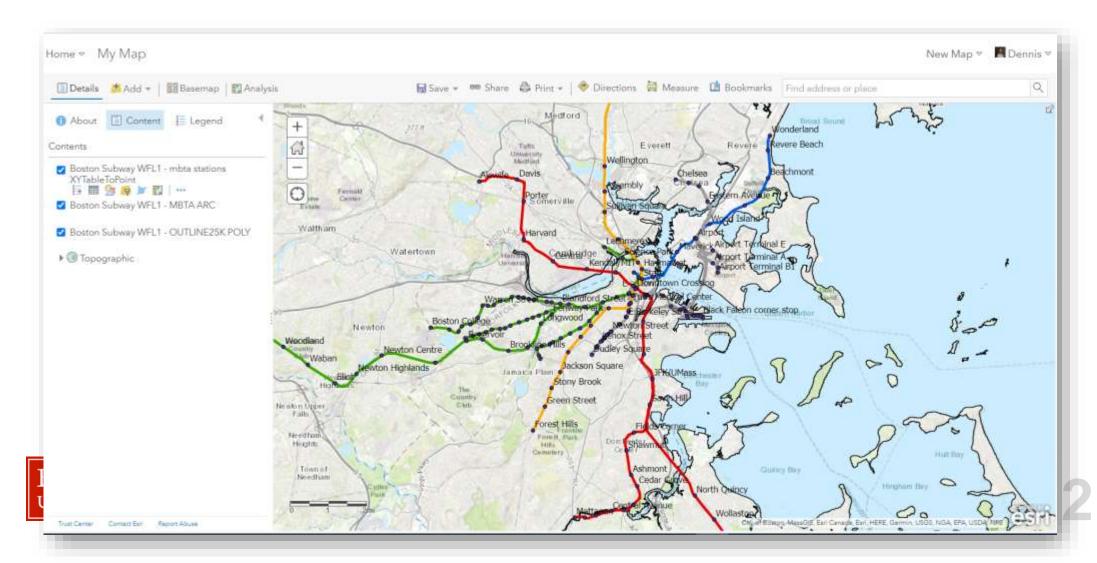


Step 2 – Web Map



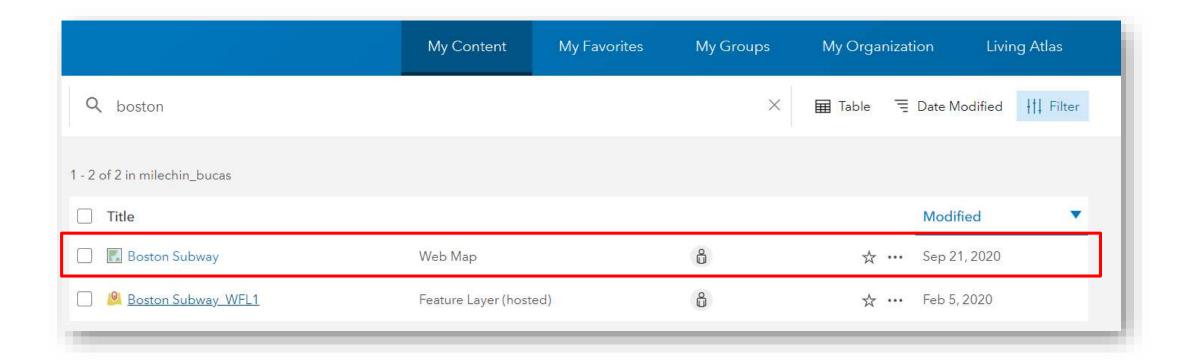
Step 2 – Web Map

Import Layer into Web Map



Step 2 – Web Map

Saved Web Map





Step 2 – Web Map

- Geographic Coordinate System WGS 1984
- Projection WGS 1984 Web Mercator

Country	Area (mi ^2)
Africa	11,730,000
Greenland	836,300

How does ArcGIS Online measure distance?





Let's Explore ArcGIS Online



https://bucas.maps.arcgis.com/

Username: <bu_username>_bucas

Example: milechin bucas

Hands On Instructions



Questions

Email me at:

help@scc.bu.edu

