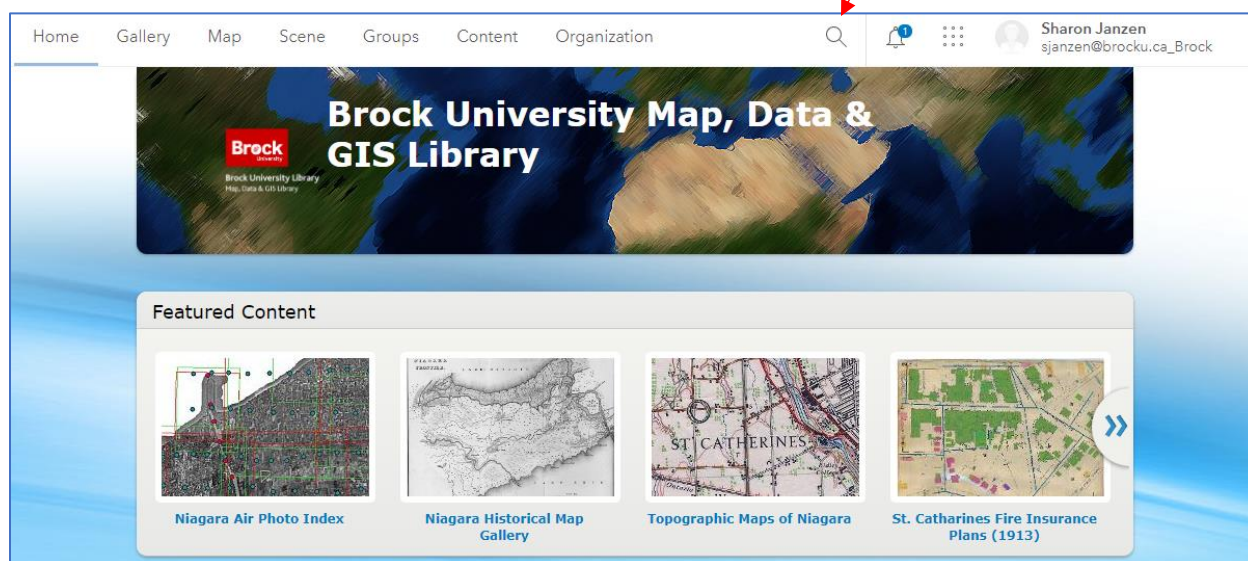


Digital Scholarship Institute 2021: Mapping Stream

Introducing ArcGIS Online (AGOL)

1. Open Google Chrome and navigate to arcgis.com
2. Sign in using Brock credentials
3. Home screen



4. Click magnifying glass to search AGOL: "Brock DSI 2021"
5. Click the *webmap* "Laura Secord's Famous Walk"

Laura Secord's Famous Walk

OverviewUsageSettings

Edit thumbnail

Add to Favorites

This map depicts the approximate walking route of Laura Secord on June 22, 1813

Web Map by [sjanzen](#)

Created: Mar 19, 2021 Updated: Apr 12, 2021 View Count: 183

Description

Information modified from:

Hughes, Alun, et al. *History Made in Niagara*. Elbow Island Publishers, 2019.

Open in Map Viewer Classic

Open in ArcGIS Desktop

Create Presentation

Open in Field Maps

Create Web App

Share

Metadata

6. Click

Open in Map Viewer
Classic

7. Click Save > Save as
8. For the name, add your initials and save it in your folder. Click SAVE MAP.

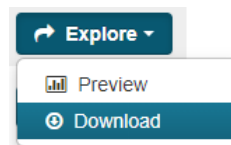
Exploring the map

1. Click **Content** to view the layers that are included with this map.
2. Turn layers on and off (check and uncheck the box beside a layer name).
3. Zoom to layers (click the 3 dots below a layer name and click zoom to; alternately use the zoom in/out tool or use the mouse scroll wheel).
 - a. Don't forget that the layers draw on top of each other so you may need to turn layers off to view layers listed below them.
4. Create **bookmarks** to snapshot zoom and position of the map. Click the home button to return to the default view of the map.
5. To save the map, click SAVE.

Adding Content

Any table that includes geographic reference, can be loaded, and visualized in ArcGIS Online.

1. Go to Niagara Open Data portal <https://niagaraopendata.ca/dataset>
2. Search for "war of 1812"
3. Click the first result "War of 1812 Points of Interest"




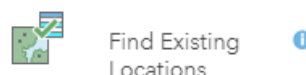
4. To download the CSV, click **Explore**, then **Download**.
5. In ArcGIS Online, click **ADD>Add layer from file**
6. Browse to the downloads directory and select **War1812POI.csv**
7. Click **IMPORT LAYER**. The "Change Style" panel appears to the left of the map view.
8. For step select **Show Location Only**

2

9. For step 2 click **OPTIONS** and navigate the options for symbology.
10. Click **Done**.



11. Click the 3 dots below the layer name and select **SAVE LAYER**.
12. When prompted, provide a title, tags and summary then click **CREATE ITEM**. This action results in a permanent *feature layer* that may be added to other maps.
13. Click a feature on the map to reveal the associated point of interest. We want to isolate the historic site of the **Battle of Beaverdams**. To do this, we will use the Analysis options.
14. Click  **Analysis**



15. Click **Find Locations > Find Existing Locations**

16. A dialogue window appears in the panel. Enter the details as seen in the image below:

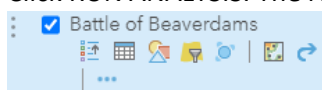
Find Existing Locations

- Choose layer containing features you want to find using attribute and spatial queries
war1812poi3
- Build a query to find features
war1812poi3 where SHORTDESC contains 'Beaverdams'
- Result layer name
Find Battle of Beaverdams
Save result in: 123AGOL

☒ Use current map extent [Show credits](#)

RUN ANALYSIS

17. Click **RUN ANALYSIS**. The result is a new feature layer in the **CONTENTS** listing.



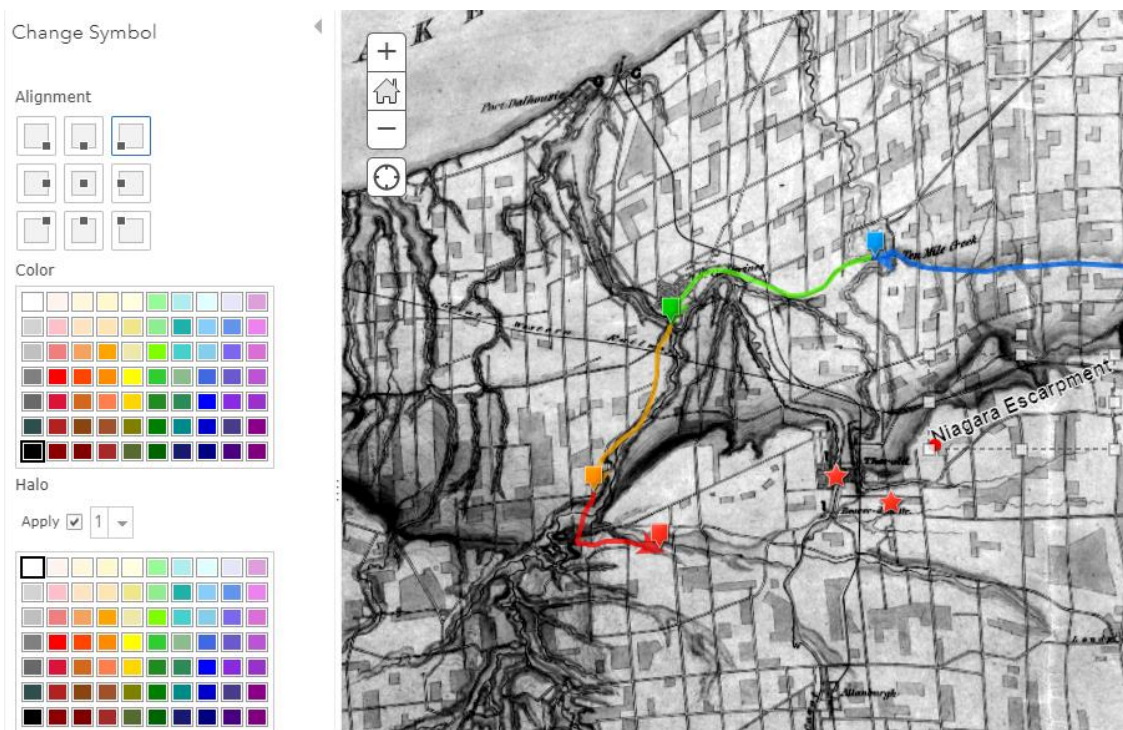
18. The map zooms in to the result. Zoom out.


19. Save your map and update the sharing of the new layer when prompted.

Creating Map Notes

Sometimes you need to add extra detail including points, lines, polygons or text. One method to accomplish this is by creating a new editable layer called “map notes”.

1. Click Add > Add Map Notes
2. At the prompt, accept the defaults and click CREATE.
3. The panel on the left changes to Add Features. Click a feature to add and then click on the map to create the feature.
4. For example, click Text then click on the map and type your text (i.e. label the Niagara Escarpment) and hit enter. Click the text again to access colour options, apply a halo and align or rotate text.



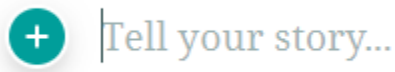
5. Click anywhere on the map (not on a feature) to return to the edit panel.
6. Explore with the other features and click  Edit to stop your edit session.
7. Save your map!

Creating a StoryMap

1. Open a new tab in Chrome and go to <https://storymaps.arcgis.com>
2. Note the “Learning and resources” section at the bottom of the page. Feel free to explore and learn more about storymaps here.



3. To get started, click →
4. The storymap environment is very intuitive and is organized using *content blocks*. Click the plus sign to see the content block options and then begin to tell your story.



Create a storymap using the Laura Secord Journey details and assets OR develop a story of your choosing. A tutorial is available for tomorrow’s session regarding the storymap environment.

Links to resources:

Github for DSI 2021 downloads <https://github.com/BrockDSL/LauraSecordStoryMap>

Examples of StoryMaps:

Meredith DeCock-Caspell: If coastlines could talk - <https://arcg.is/1binHX>

2021 StoryMaps Collection: <https://arcg.is/14zreb>

StoryMaps Resources for higher education

<https://storymaps.arcgis.com/collections/2fd68a2fda0149008718dcde6083521b>

HELP!

sjanzen@brocku.ca or message me on TEAMS