

Editing in ArcGIS Pro

Fall 2023

SCHOLARS' LAB

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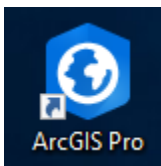
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Workshop Page

<http://guides.lib.virginia.edu/gis>


Click **Teaching Resources > Fall 2021 Workshops**



Open ArcGIS Pro, and login using the appropriate credentials

If you have Netbadge credentials, click **Enterprise Login**. For the organization URL, type “**uvalibrary**”, and click **Continue**. Click **University of Virginia**. You will be directed to NetBadge where you will login as normal. If you do not currently have an ArcGIS Online account, this process will create one for you.

If you Do Not have Netbadge credentials, please contact us at uvagis@virginia.edu.

Sign in with 

ArcGIS login

Username

Password

☐ Keep me signed in

Sign In

[Forgot username?](#) or [Forgot password?](#)

Enterprise login

Enterprise login

Your ArcGIS organization's URL

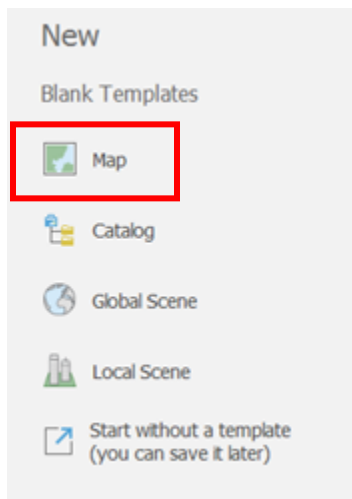
uvalibrary .maps.arcgis.com

☒ Remember this URL

Continue

Enterprise login

University of Virginia



To begin, under New, Blank Templates click **Map**.

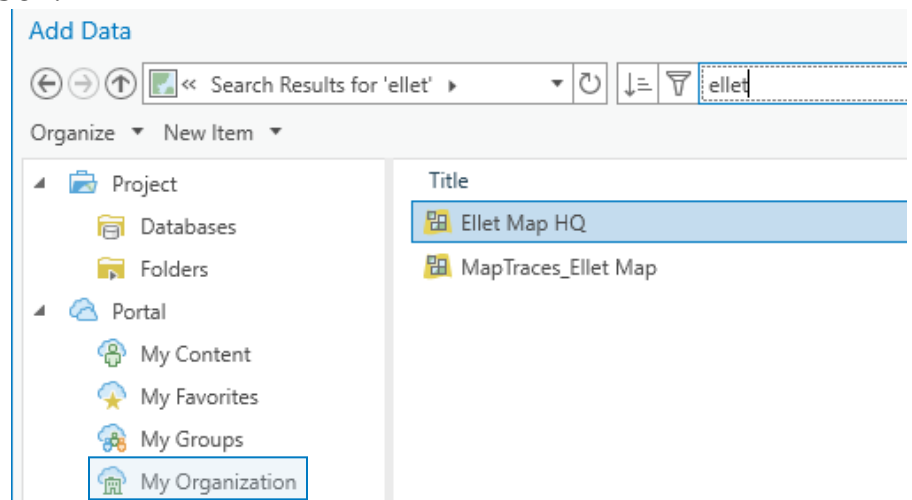
1. Name the new project “EditingWorkshop”, accepting the default location. Be sure the box for “**Create a new folder for this project**” is checked

2. Click **Add Data** on the **Map** ribbon.

3. Under **Portal** select **My Organization**. *On older versions of Pro, under **Portal**, select **All Portal**. On the top, far right of the dialog, click the small **Search My Organization** button.

4. Enter “Ellet” into the **Search** box.

5. Select **Ellet Map HQ** and click **OK**.

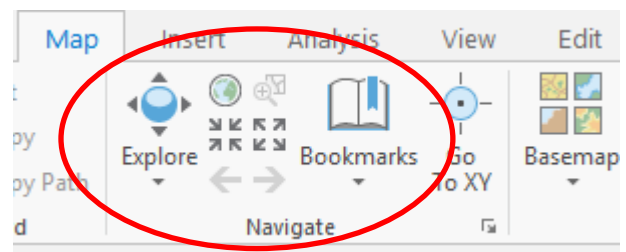


Manipulating Layers

1. Layers draw in the order they are listed in the **Contents** window.
2. Layer order can be changed by dragging and dropping.
3. Layers can be turned on or off by clicking the check box next to the layer.
4. Groupings or symbology can be exposed or hidden by using the +/- boxes.

Map Navigation

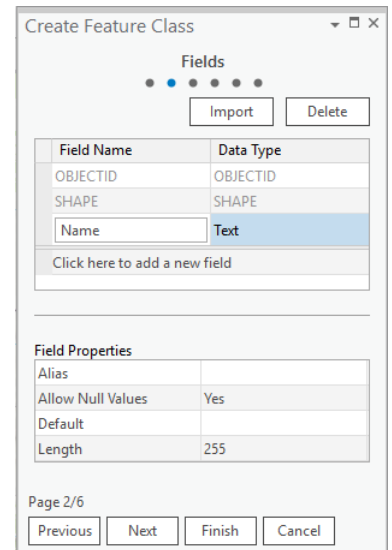
Use zoom and pan tools located in the **Navigate** section of the **Map** ribbon. **Back to Previous Extent** or **Go to Next Extent** are also useful. Here, we’ll take advantage of an easy way to zoom to a specific layer.



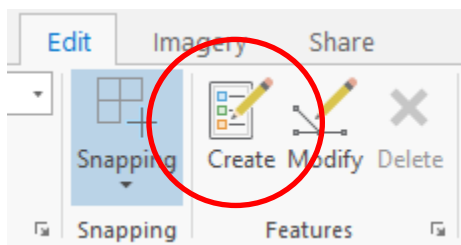
1. Right-click on Ellet layer > **Zoom to Layer**.

Create New Layer

1. Go to **View > Catalog Pane** to open **Catalog**.
2. In **Catalog**, expand **Databases**.
3. Right click on **EditingWorkshop.gdb** and select **New > Feature Class**.
4. Call the new layer *Springs* and select **Feature Class Type** as **Point**.
5. Hit **Next**.
6. Add field called “**Name**”, **Data Type: Text**.
7. Accept all other defaults by clicking **Finish**
8. Add the new Feature Class to the map. Right click > **Add To Map**.
9. Repeat this process for *Streams* (line feature class) and *Ponds* (polygon feature class). Don't forget to add **Name** attribute!



Add Features

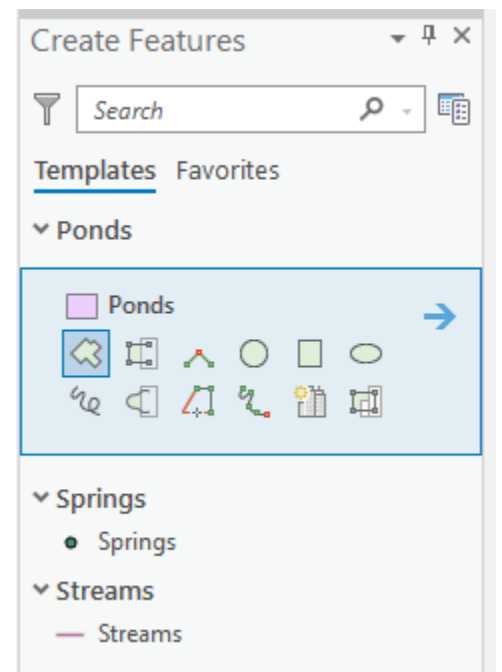


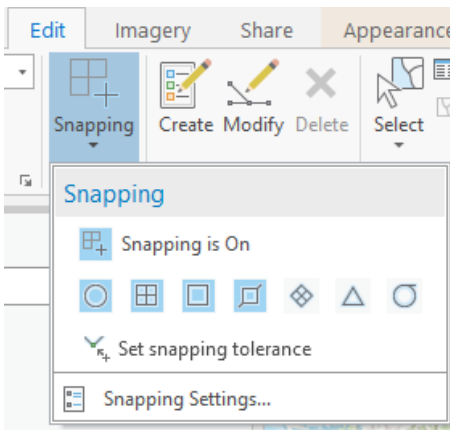
1. Click **Edit > Create**.
2. In the **Create Features** pane, select the appropriate layer to expose the drawing tools.
3. Select a drawing tool and start creating features.

Use points to represent springs on the map, lines to represent streams, and polygons to represent ponds.

For lines and polygons, double click to end drawing of the feature.

4. Right click layer name > **Attribute Table**. Double click in table cell to edit. Enter a name in the Name field.
5. When done creating features, click **Save** in the **Edit** ribbon.

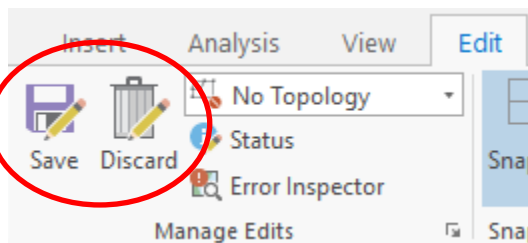
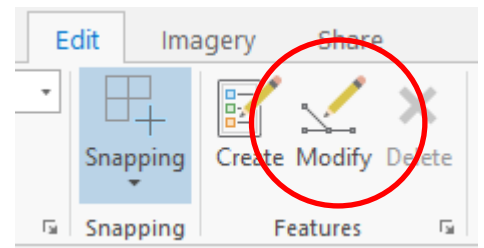




NOTE: Turn on Snapping by clicking the **Snapping** icon on the **Edit** ribbon. This will help you “connect” your features. When drawing stream segments, create multiple features beginning and ending at confluences.

Modify Features

1. On **Edit** ribbon, select **Modify**. The **Modify Features** pane opens with a list of tools.
2. **Reshape > Vertices** is a useful tool for reshaping features.
3. **Save** or **Discard** changes by using the buttons on the **Edit** ribbon.



Share Layers

1. In the **Share as** section of the **Share** ribbon, click **Web Map**.
2. Add **Summary** and **Tags**.
3. Decide sharing.
4. Click **Publish**.

