An introduction to GIS using ArcGIS Pro 2.x

Module 1- The Basics

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Goals

- Learn the basics of ArcGIS Pro's main tools
- View and manipulate datasets and basemaps
- Export a basic map view

(Repeated Steps) - Extract Data

1 - Download the workshop materials at

https://maps.library.utoronto.ca/workshops/Arc GISProWorkshop/ArcGISProWorkshop2022.zi p

2 - right-click on the "ArcGISProWorkshop2022.zip" file \rightarrow select "7-zip" \rightarrow select "Extract to "*nameoffolder*"

3 - you should now have a folder called "ArcGISProWorkshop2021"



ArcGIS Pro -Module 1

1 - from the Windows Start menu, type ArcGIS \rightarrow Select ArcGIS Pro





ArcGIS Pro makes use of many "panes", "views" and "tabs"

1 - this area is called the "Contents" Pane

2 - this "tab" holds the area called the "Map" view



1 - under the "View" menu, click on the "Catalog Pane"

This particular pane is used to manage datasets

2 - close the "Catalog" pane



1 - under the "View" menu, click on the "Catalog View"

You will notice that "Catalog" is now open in a "tab"



1 - you can un-anchor the tab (as with all tabs for that matter) by clicking the tab and dragging it out of the anchor



Layers

1 - Turn on the first layer, "FIRE_FACILITY_WGS84"

2 - right-click on the layer name and select "Zoom to Layer"



Layers

1 - Turn off the "FIRE_FACILITY_WGS8 4"

2 - Turn on the "Centreline_WGS84" layer

3 - right-click on the "Centreline_WGS84" layer and select "Zoom to Layer"



Layers

1 - Turn off the first two layers

2 - Turn on the third layer "Neighborhoods_WGS84"



Layers and Basemaps

1 - Turn off all layers, including the basemaps "World Topographic Map" and "World Hillshade"

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World Topographic Map								
World Hillshade								

Layers and Basemaps

1 - Under the Map meny, select "Basemap" and choose the basemap called "Image Hybrid"

2 - Repeat with other basemaps and return to the original "Topographic" Basemap



ArcGIS Pro - Getting Started wi

Richmond Hill

Newton Brook North York

Layers and Basemaps

1 - Turn off all Basemap Layers

2 - Turn on the Fire facility and neighbourhoods layers





Navigating

1- Using the mouse buttons and wheel, navigate around your map

2 - If you lose your Toronto area data, select one of the layers, right-click and select "Zoom to Layer" or click on the "Full Extent" icon

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Bookmarks

1 - under the "Map" tab select "Bookmarks"

2 - click on the "Canada" bookmark

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1 - repeat the last step but select the Toronto bookmark this time

2 - zoom in anywhere closer in the Toronto area and create a new bookmark using the "New Bookmark..." option

3 - select the "Toronto" bookmark again and then your new bookmark



Symbolizing Data

1 - right-click the Neighbourhoods layer

2 - select "Zoom to Layer"

3 - right-click on the Neighbourhoodslayer again but now select the"Symbology" option

4 - select the "Single Symbol" option in the Symbology pop-up box





Attribute data

1 - right-click on the neighbourhoods layer and select "Attribute Table"

You will notice descriptive (attribute) information about individual polygons or areas

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2 - click on any entries in the table

You will notice that the highlighted row in the table is highlighted in the same colour on the map





1 - right-click on the selected row and select "Zoom To"





There should not be any selected features on your map





1 - click on any of the polygons



Contents

- 4 ×



1 of 2) 79.4099190°W 43.7526350°N



End of Module 1