

GEOG 2017EL

Lab 2 January 11, 2009 Navigating in ArcGIS (15 points)

The purpose of this lab is to familiarize the student with ESRI's ArcGIS software which will be the major tool used for this course. Also, this lab introduces the student to ArcGIS's extensive Help and Tutorial functionality.

1. Start ArcCatalog

Start >Programs > Mapping-GIS > ArcGIS 9.3 > ArcCatalog

ArcCatalog is similar to Windows Explorer but allows you to preview and manage geo-spatial files and some types of data files. It does not necessarily allow you to view all file types but is an essential component of ArcGIS.

2. Open Help, either by

clicking Help > ArcGIS Help, on the Main Menu,

or simply pressing F1. Notice you can also get help from ESRI online

3. Click on the Search tab on the left hand side of the Help window.


4. In the space provided type "tutorial" hit Enter. or click on the ASK icon.

5. Click on Tutorials in the results.

6. In the right hand window click the "Watch the tutorial" link next to Getting Started.

You can also access Help a bit more directly, but you won't have the software opened.

Start >Programs > Mapping-GIS > ArcGIS 9.3 >ArcGIS Desktop Help

7. Simply watch the tutorial (click on Play button at the bottom ) and answer the following questions or follow the special instructions. You can pause any tutorial segment at any time.

- There are 23 segments to the tutorial. You need to complete all of them, so begin with "Start ArcCatalog". All 23 segments will run from this point, but you can go back to any segment from this page.
- After one segment has played, you have to click "NEXT" on the bottom right to move to the next segment (there's also a Previous button if you want to review the last segment). On the bottom left of the screen you will see what segment number you are currently watching. (Remember you should always have pen/paper with you when doing GIS). If you have trouble with a segment, write down the title or segment number so that you can easily return to it. You can also playback any segment or rewind using the buttons next to Play.

- You'll probably need to narrow the left hand side of the Help screen in order to have both the help screen and ArcCatalog screen opened at the same time (see the figure at the end of this assignment).
2. Complete all 23 segments.
 3. At segment 21 you will be adding a title to the map. **MAKE SURE YOU ADD YOUR FIRST AND LAST NAME TO THE MAP. (2 points)**
 4. **PRINT THE MAP** (segment 22) with your name on it. You should only have to use the default settings and print to the printer in room L-322. Print in black and white and **place it in the Geography Assignment drop box. (5 points)**

In one email, send me the following:

5. In segment 23 "Save a Map", save your map document to **your flash drive** (typically E: drive in the lab) and call it **Lab2_firstname_lastname**.
 - EMAIL me your map document, i.e., Lab2_firstname_lastname.mxd mlefevre@laurentian.ca **(5 points)**
6. What is the name of the feature represented by a pink circle? **(1 point)**
7. What is the Maintenance id of Greenvally High? **(2 points)**

ArcGIS Desktop Help

Hide Locate Back Forward Home Font Print Options Resource Center Web Help

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tutorial

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ArcGIS

Getting Started Tutorial Index

The tutorial has been divided into sections. Click one of the links below to see part of the tutorial.

Segment	Description
1	Start ArcCatalog
2	Navigate to tutorial data in ArcCatalog
3	Explore and preview GIS data in ArcCatalog
4	View metadata in ArcCatalog
5	Make a folder connection
6	View a thumbnail, preview a map, and open Arcmap in ArcCatalog
7	Open a map from the starting ArcMap dialog box
8	Use the ArcMap table of contents to turn layers on and off as well as show and hide their symbols
9	Zoom in to an area of the map
10	Use the Identify tool to get information about a feature
11	Use the Find dialog box to find a feature by name
12	Use a spatial bookmark to zoom to a predefined extent
13	Add a layer file and a feature class to a map
14	Represent line features with a graduated symbol
15	Turn on labels and draw a layer with a single symbol
16	Change to layout view and change the page orientation of the map from portrait to landscape
17	Change the size and position of a data frame on the page layout

Slide to resize

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