

Using ArcGIS Tools in GLG362/598

In this course we will use ArcMap and ArcScene extensively. These tools are available to you in two ways (there is a third via the Citrix server that can be set up, if the other methods aren't working for you, ask me about it): locally on PCs in PSH-461 and PSH-450, or installed locally on your own laptop (we can provide install disks – or you can download the installer – and 1 year education licenses). ArcGIS Install directions are attached at the end of this document and posted on the course website. This handout covers: (1) How to access class data via (a) locally on PCs in H461 or H450, and (b) for download to your own laptop or home desktop.

I. Accessing Course Data for GLG362/598.

A. Run ArcMap Locally in H461

Each PC in PSH-461 has most of the course data pre-loaded to C:\geomorphology. DO NOT move, delete or modify any data in this directory. DO NOT save your work to this directory – you MUST save your data into My Documents or onto a thumb drive when working with a local version of any application. In fact you do not have write access to this folder.

CRITICALLY IMPORTANT: By Admin policy all files/data added to the classroom computers (by download, copied from thumb drive, generated locally from running applications, etc) will be wiped every night. So you MUST save any work or downloaded/copied data needed elsewhere: (a) copy your data to a thumb drive at the end of each session, and bring the thumb drive with you each class or lab period, or (b) upload your data to your My Files or other Cloud storage you have access to, so you can access it from anywhere.

Also see http://help.asu.edu/My_Apps for general help on the “AFS space” which is also known as you M: drive, and also can be accessed through MyASU/MyFiles.

B. Install ArcMap and ArcScene on your own Laptop

We have install disks for ArcGIS10.5.1, 1-year educational licenses, available for your use. ArcGIS only runs in the Windows environment, so if you have a Mac you will need Boot Camp or Parallels (or equivalent) to be able to run it locally on your laptop.

If you want to run locally on your laptop, all datasets for class projects will be posted for download in *.zip archives on the class website. The datasets can be large – make sure you have a fast connection before downloading, and expect it to take a while. Have data needed downloaded to your laptop before coming to class or lab.