FNR 65 Lab 5
Note Taking Exercise and Island Building

Name: _____ Date: _____

Today we will perform some basic analyses and tasks in ArcMap. The main goal for you, the student, is to document the actions you take to successfully perform these analyses and tasks. Below is the general outline of our strategy today. The instructor will lead the class through each step, but the student is required to take notes and document each step. Prepare your notes and submit them to the instructor electronically by Saturday 10/4/14 at 8 PM. Please be as specific as you can. I will give you an example of how specific I want you to be for the first task.

Task 1: Obtain GIS data and load into ArcMap.

Task 2: Create new shapefile

Task 3: Digitize Island

Task 4: Edit Attributes

Task 5: Compose Map and email to instructor

Task 1: Obtain GIS data and load into ArcMap.

1. Go to http://www.naturalearthdata.com/ and click on "downloads.
2. Click on "Cultural" under the Large Scale Data.
3. Download the countries data version 2.0.0 under the "Admin 0 – Countries" heading.
4. Locate the file on your computer. Right click and copy the zip file.
5. Locate your directory on the D: drive. Create a directory/folder called "lab_05."
6. Within the "lab_05" folder, right click and paste the zip file.
7. Double click on the zip file to open it.
8. Select all the files in the zip file and drag them into the "lab_05" folder.
9. Launch ArcMap by double clicking on the ArcMap icon that is on the desktop (or by clicking on the ArcMap icon from the start menu).
10. Open ArcCatalog and locate the directory "../lab_05" by clicking the "Connect to Folder" icon.
11. Drag the ne_50m_admin_0_countries shapefile into the table of contents in ArcMap.
12. Use the zoom in/out and pan tools to explore the map. To zoom, select the magnifying glass with the plus symbol, and click on the area you'd like to zoom into. To zoom out, choose the magnifying glass with the minus symbol. You can also click and drag with either tool to zoom in/out on a large area.
13. Pick an area for your new island.
14. Create a spatial bookmark once you have chosen the location of your dream island. This spatial bookmark will keep us from losing our place if we accidentally pan or zoom away from our island location.
    a. Bookmarks → Create Bookmark.
    b. Name your bookmark "Island Location"