

ArcMap provides many bells and whistles that we did not have a chance to try. During the next week, develop an explicit, step-by-step exercise that demonstrates the use of a GIS procedure not used in class. Turn in a written explanation of what you did, along with the results. In addition, please e-mail me your digital files. Integration of other software or some kind of a computation in your example would be a great plus. Be creative!

Here is how the points (in parentheses) will be distributed:

- a. Is it original and not simply an application of something we already did in class? (10)
- b. Show how it solves or helps to elucidate a geological or environmental spatial (or temporal) problem. (10)
- c. Clarity of the write up ... explanation and digital files are turned in complete. (10)
- d. Can your work be replicated with the information provided? (5)
- e. Does the result make sense? (10)
- f. Integrates other software or analysis (5)

Hints -

Check the ESRI web site (www.esri.com) or explore the ArcMap menu for a command or feature, and apply the command or feature to a spatial data.

Find or create a real environmental or geological spatial data set, either from your own data or from something you find on the web.