Assignment
URPL 969 -- GIS Applications in Urban and Regional Planning
Spring 2007

GIS Tutorial

Prepare a tutorial that provides instructions for a novice GIS user to build a simple GIS application. The tutorial should be developed in ArcGIS 9.2 and utilize digital parcel maps.

Your first source for GIS data should be the Robinson Map Library in Science Hall. Jaime Stoltenberg, the campus map librarian, has acquired digital data from across the state. In addition, Jaime and I have collaborated on the acquisition of parcel maps and tax assessment data for most Great Lakes coastal counties in Wisconsin. These data are available on a MyWebSpace group directory that can be made accessible to you. There are many other possible data sources of digital geospatial data, but note that I don't want you to spend very much time tracking down and acquiring data. Please invest most of your time developing the tutorial.

Here are four "hands-on" GIS training books that can serve as a source of ideas for developing and formatting the tutorial. These can be found in the URPL Computer Lab.
- Esnard, Ann-Margaret, Philip R. Berke, David R. Godschalk, and Edward J. Kaiser. 2006. Hypothetical City Workbook III: Exercises and GIS Data to Accompany Urban Land Use Planning. Champaign, IL: University of Illinois Press.
- Gorr, Wilpen, L. and Krister S. Kurland. 2005. GIS Tutorial: Workbook for ArcView 9. Redlands, CA: ESRI Press.
- Ormsby, Tim, Eileen Napoleon, Robert Burke, Carolyn Groessl, and Laura Feaster. 2004. Getting to Know ArcGIS Desktop: Basics of ArcView, ArcEditor, and ArcInfo. Redlands, CA: ESRI Press.
- Huxhold, William E., Eric M. Fowler, and Brian Parr. 2004. ArcGIS and the Digital City: A hands-on approach for local government. Redlands, CA: ESRI Press.

Format: The tutorial should be single-spaced with 12pt text. I don't have a formal page limit, but 10-15 pages should suffice. You are encouraged to use graphics to support the instructions in the tutorial.

Notes:
- I am available to discuss ideas.
- It is acceptable to work as part of a group to produce a longer tutorial where each student produces an individual section. This is not required.
- One criterion for grading is how easy it is for me to complete the tutorial.
- Please send me the digital file. Tutorials will be placed online through the course website.

Due: Friday, March 23rd during class.