

Special Topics

Your Mission:

- To provide a 15-20 minute presentation to the class on features of GIS software, or a use of GIS software in a particular application that is of special interest to you

- The presentation should include:
 - A brief description of what the tools can help you do or how GIS tools are used in a particular application
 - How the tools work
 - A brief example of what the tools can do
 - An example of using the tools in an actual analysis
 - Any special information or “tips”

Suggested Topics (feel free to add your own)

- Hydrologic Analysis
- Watershed delineation
- Contouring Data
- Hydrologic modeling
- Topographic Data
- Importing Data
- Linking to analytical software using exported attributes
- Neighborhood Analyses
- Remote sensing
- Proximity analysis
- Optimal routing using NETWORK
- Logical Expressions in vector and grid analyses
- Digitizing
- Advanced Editing of Vector Data
- Viewshed analysis
- Address Geocoding
- Linking GIS to simulation models
- Image Processing
- Metadata
- Fire Modeling