### ADVANCED SPATIAL ANALYSIS PROJECT GRADING RUBRIC

#### Project Proposal (10 marks)
- Decide on a spatial analysis topic/idea.
- Determine what data are needed and available.
- Flowchart your proposed analysis procedure.
- Identify some of the problems / limitations you might encounter
- Written proposal. (7½ marks)
- Class discussion. (2½ marks)

#### Project Report (30 marks)
- Introduction to what you were trying to accomplish.
- A review of some previously published work on this topic.
- Descriptions of the data and study area.
- Detailed description of analysis approach (include a flowchart).
- Results of analysis (maps, graphs, or tables where relevant).
- Interpretation of results.
- Assumptions and limitations.
- Summary and conclusions.
- Suggestions for future research.

#### Project Cartography (10 marks)
**Title and legend**
- Is your map title clear and coherent and focused on what your map is about?
- Does your legend include all symbols (correct size/colour) that are not self-explanatory?
- Have you included information, if your goals for the map call for it, on map authorship, projection used, scale, date of map and orientation?

**Map design**
- Does the layout of your map take into account focus, balance, and structured grid?
- Is the intellectual hierarchy of your map’s information reflected in the visual hierarchy created on the map?
- Is the level of generalization, and the classification of data, appropriate given your goals for the map?
- Have map symbols been chosen to reflect the logical guidelines suggested by the visual variables?
- Do your black-and-white or colour choices add to the ability of your map to convey information? Have they been chosen to enhance what you are trying to do with your map? Do they reproduce well on the final medium?