

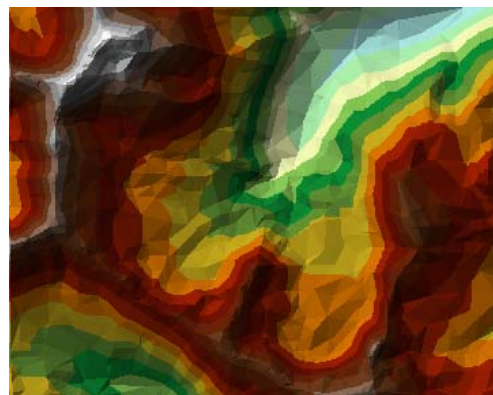
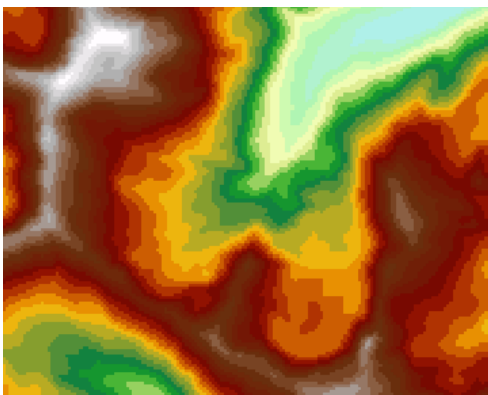
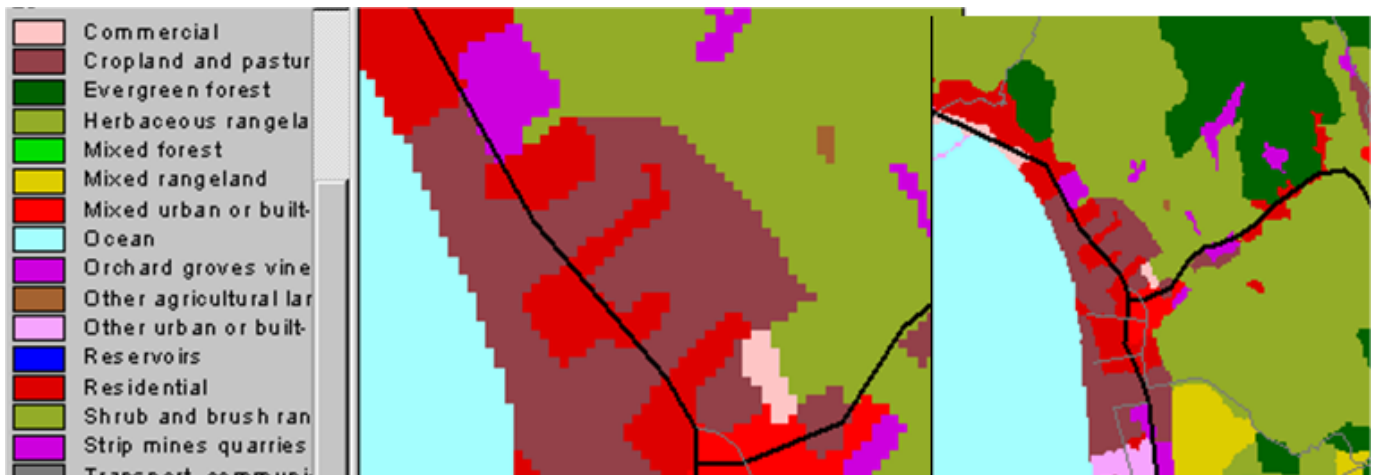
Geog 9008

Raster GIS

Jerry Davis, Instructor
415/338-2983/jerry@sfsu.edu
Office HSS 277 hours M-Th 11-11:45

Lectures (in front) & Exercises (in back)

1. **Introduction to Raster Data & Display**
2. **Introduction to Raster Analysis Methods**
3. **Raster Spatial Analysis Operations**
4. **Statistical Summary & Other Tools**
5. **Distance**



Guide to Completing the Exercises

These exercises include a great deal of important information, and are intended to serve not only as a series of steps to follow, but also as additional informative text. It's important to learn the best way to approach the exercises. Some general guidelines:

1. Follow the instructions carefully. ***Most problems encountered during the completion of an exercise result from missing a detail.*** I'm not going to hammer you in the head with every detail – you need to take the responsibility of reading the assignment and noting any important details. It takes a lot more time to recover from a mistake than to avoid it in the first place. Often the result of a mistake won't create a problem for some time and it can take a long time to figure out what went wrong.
2. At the same time, avoid following instructions blindly. You need to understand what you're doing, so you can use what you learn. You'll need to know many of these tools when you're doing your final project. Keep your brain engaged. Try to figure out why you're doing each step. Hopefully there is an apparent logic.

You'll find that I've included other things than step-by-step instructions. I try to use bullets that identify which are which.

➤ An instruction to follow. It might be a single step, a description of multiple steps and might be followed by a set of numbered steps.

❖ Information about what you just did, or a related important topic.

? A question to answer, to make sure you understand what you're doing.

☐ For creating your report (optional, only if you are ahead). You might be filing an image of a map to include in your report. You can use these later to build a portfolio.

Other course information

Grading Policy : Pass/No Pass

Structure: Lecture/Lab

Note Students with disabilities who need reasonable accommodations are encouraged to contact the instructor. The Disability Programs and Resource Center (DPRC) is available to facilitate the reasonable accommodations process. The DPRC is located in the Student Service Building and can be reached by telephone (voice/TTY 415-338-2472) or by email (dprc@sfsu.edu).

<http://www.sfsu.edu/~dprc>