

# GIS2, 80-point rubric

Student \_\_\_\_\_

## Rubric for scoring the final lab report

### Purpose

5

Based on what the student wrote, did the student express the purpose of the lab using their own words AND demonstrate they understand why they did the assignment? If 'yes', then award between 1 and 5 points according to quality. If 'no', then award 0 points.

### Objectives

5

Based on what the student wrote, did the student express the list of objectives using their own words AND demonstrate that s/he understands what needed to be accomplished during the assignment? If 'yes', then award between 1 and 5 points according to quality. If 'no', then award 0 points.

### Data and methods

7

Based on what the student wrote, did the student express how the objectives were accomplished AND are they repeatable? (Would a reasonable person be able to use the report as a set of instructions and reproduce the same results? For example, were all mathematical (field calculator, raster calculator) or SQL expressions reported? Were all parameter settings, including environment settings, reported? Award points (0 to 7) according to quality.

### Results and answers to questions

35

Based on what the student wrote, have all the questions been answered completely and correctly? Award points (0 to 35) according to the quality and proportion of complete and correct responses. Questions are often weighted differently, for some may prompt a student to recall or report a simple fact (and be worth less), while others may prompt students to apply spatial reasoning, describe a spatial pattern, or combine pieces evidence to draw a conclusion (and be worth more).

4

Have all data values (either inputs or outputs) been reported with their attendant units of measure? If 'yes' throughout the entire report, then award 4 points. If 'no' anywhere in the report (e.g., missing in the map legend, missing from a table caption or table header, missing from a figure caption, or missing from the text of an answer, etc.), then award 0 points. All values MUST be reported with their units.

### Summary and conclusion

20

Based on what the student wrote, did the student achieve the objectives of the project and demonstrate understanding of the work that was accomplished? Award points (0 to 20) according to quality of their data-driven story about how the Chimney Tops 2 Fire affected people, property, and forest. NOTE: Check each handout for any special instructions.

### Report organization and format

4

Were the student's name, date, and lab title placed at the top of the first page and is the report formatted in accordance with the requirements listed in the deliverables section of the lab handout (i.e., page margins and numbers, section headings, inline figures and tables, numbered captions for all figures and tables, and consistent use of: font style and size, line spacing, etc.)? If 'yes' to all, then award 4 points. If 'no' to any, then award 0 points.

### Adjustment for extra effort or innovation

0

The default score is 0 points. Bonus points can be awarded for extra effort or innovation. If graphic devices (tables, figures, images, or plates) were used, do they highlight the data and look professional? Are the rows in each table sorted meaningfully (i.e., not just alphabetically)? Did the student try (whether successful or not) AND document new methods, tools, or parameter settings? Did the student go beyond what was asked?

Comments:

80

Final score