

Final Project Report Standards

Applied Remote Sensing

FRWS 5750/6750

The final project for this class will be delivered on the last day of class in Microsoft Word or PDF format. If you do not have access to MSWord, you may use software that is available to you. The final paper will be a minimum of 15 pages (including title page, references, tables, and figures.) All tables and figures will be numbered, captioned and placed within the text immediately after the first reference in the text (no more than a page after.) Figures can be of any type (color and/or B/W) but must be legible and represent the information in a manner consistent with the text description. Use citation standards consistent with the journal "*Photogrammetric Engineering and Remote Sensing*" or within the textbook (Jensen, 1996).

1. Title Page

- a. Title of paper, authorship, class, and date

2. Abstract

- a. Brief, ~250 word synopsis of your work. Abstracts are located at the beginning of the document, but written last.

3. Introduction

- a. Sets the stage for the work, and provides a statement of objectives and/or hypothesis

4. Literature Review

- a. A review of the pertinent literature that supports your work. Basically a linkage and interpretation of available literature written in your words.

5. Study Area

- a. A factual description of the biophysical and geographic setting of your study site.

6. Methods

- a. This section describes the methods and processes that you used to collect and interpret your data and the assumptions that you made relative to data collection and analysis. This section does not include basic descriptions of software commands (i.e. I don't want to know which buttons you pushed on the computer)

7. Results

- a. A factual representation of the quantitative and/or qualitative results from your analysis. Do not interpret the results just report them.

8. Conclusion/Discussion

- a. An interpretation of the results, evaluation of assumptions, new problem identification.

9. References

- a. Citations of published or available manuscripts, web pages, etc., supporting your hypothesis, assumptions, methodology, and conclusions. These articles are cited using the following standard:

Citation Rules:

Primary author last name, first initials, First initials and last name of secondary authors. Date. *Paper or book title. Journal, proceedings, or book publisher that contained the work.* Volume(Issue):page numbers or number of pages (book).

Sample Journal Article:

Deckert, C., and P.V. Bolstad. 1996. Forest canopy, terrain, and distance effects on global positioning system point accuracy. *Photogrammetric Engineering and Remote Sensing*, 62(3):317-321.

Sample Book:

Jensen, J.R. 1996. Introductory digital image processing: A remote sensing perspective. *Prentice Hall Series in Geographic Information Science, Prentice-Hall, Inc.* 316pp.

Graphics:

Graphics can be taken from the screen (screen grab) or by exporting imagery and graphics to a standard image format like JPG's, TIF's, GIF's, etc. Imagery like the one on the left should be stored as either a JPG or a TIF. Line graphics like the one on the right should **never** be stored with JPG image format. Store these as TIF or GIF images. Line graphics or images with superimposed lines are notorious for losing resolution when they are resized to fit a space on the page. Make sure when you capture these type of graphics, they are the size that you want to display. Do not attempt to resize them.

Acceptable:



Not Acceptable:

