Your Project Title

Your name(s)
Course
Date

This will be a group submission; however, group members may not receive the same grade, based on monitored participation.

Summary

This is a one-paragraph summary of the project that includes: your clear project goal(s), your approach to achieve your goal(s), highlights of your results and the conclusion of your study with any future recommendations. Reading this one-paragraph should be enough to understand the entire work.

Objectives

The objective should not be ambiguous and terms that are clear and attainable should be used. Use action words in your objectives.

Materials and Method

This section should be organized in accordance with the stated objective. For every objective there should be a parallel subtitle in this section. This section will include theory, lab, field, and model procedures used in your work. They can be in separate sections but they certainly should be in separate paragraphs. Someone reading this section should be able to duplicate your work. All data and descriptions used in your work including site, weather, facilities, and equipments should be included in this section. This section should not exceed one single-spaced page.

Results and Discussion

This section will include all of your results to support your findings or what you want readers to know about your work. This section will include the data you collected and/or modeled or calculated. A thorough discussion of each data measurement will be discussed. Discussion would include the data trends and possible reasons for this trend. You will have an idea in mind how your data should behave. This idea is what we call the hypothesis. An example of the hypothesis would be “an increased agricultural land use would increase P, N concentration in water.” If your data support this hypothesis then you can make the correlation between the two; otherwise you indicate in this section why it does not. This is the section where you create your own interpretation and synthesis. In the previous sections you would include reference to others or how they did their work. In this section you will only indicate references to support or negate your findings. Usually most of your time is spent on this section. This is your findings section where the knowledge is being tested or generated. All your data need to be presented here and also discussed. Data will be in charts and tables. This section will include 2-3 pages single-spaced with 3-5 charts and tables.
Additional comments:

1. Appendix is, by definition, something you can live without. So if you have vital results information that you like to show me, please include it in the body of the report.
2. Every table and figure in your report should have an identity including legend and number.
3. All tables and figures should be introduced in the report as either part of the procedure or results.
4. You introduce the results before you discuss them.
5. Introduce your objectives in a form of hypothesis that your results will prove or disprove.
6. Graphs are easier to read than tables, so introduce results as charts when possible.
7. When you have a multiple effects and the results are compounded, separate the results into subsection. Example: effect of rain on erosion, effect or slope on erosion, etc.
8. Distinguish between assumption and a state that is not studied. As an example, the fact that we did not study effect of infiltration on erosion; it does not mean that we ignored it, we just did not study its effect. That is not an assumption. An assumption in such experiment would be rain spatial uniformity.