

# HONR 39900 – Homework 6

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**DUE DATE:** 2021/10/04 at the beginning of class

## Homework Instructions

To receive credit for the assignment, do the following:

1. Bring a paper copy of your essay to class
2. Length, *excluding* a bibliography:
  - Minimum: 750 words
  - Maximum: 2000 words
3. Please use the following formatting (MLA header and any citations):
  - 1” margins (if using MS Word, set the bottom to 0.8”)
  - Font: Times New Roman
  - Font size: 12 pt.
  - Double spaced

For grading this assignment, I will use the rubric contained within this homework folder. Note that for this assignment, all point values will be doubled from 25 to 50.

**Problem 1****Write a Short Essay Regarding a Geospatial Product or Service—50 Points****Prompt:**

As we have learned throughout the semester, maps and geospatial products are all around us, and can be used in a variety of domains to generate immense value. I also hope, that by this point in the semester, you have come to appreciate the complexity and challenges associated with developing effective maps and executing geospatial-related tasks and analyses. Please identify a geospatial product or service which you find interesting and write a short essay (see guidelines on page 1), answering the questions listed below.

**Questions to Answer:**

1. What is the product/service? In what domains is it used/why do you find it interesting?
2. How does it work? Please be as technical as possible (e.g., explain an algorithm (if applicable), speculate as to how the product/service leverages geospatial techniques and analysis to produce its results (if information is proprietary and not publicly-available)).
3. Why is the product/service valuable?
4. How could you improve the product/service? For example, either by fixing an error/improving accuracy, or by providing a new feature for users. Again, please be as technical as possible in explaining what your improvement/feature is and how it would functionally work.