Ed Oughton

Assignment 6 - GGS366 Spatial Computing

Due April 7th 2024

The task this week is to write the literature review for your coursework project. This needs to be at least 750 words and contain 10 citations to relevant literature. The assignment has a total of 100 available points.

Remember, if you just rely on genAI, you will not learn the fundamental basics. So, the important thing here is to really make a good attempt to write this content without any assistive tools. The final coursework submissions will be checked for plagiarism against genAI writing tools.

You should first consider specifying your research question. Examples we discussed include the following (note: these are already taken, please do not select these if you have not chosen one yet):

- For different sized volcanic events, how many buildings may be affected, and what might the repair cost be?
- Given different coastal flooding scenarios, how many built assets might be affected, and what would the damage cost be?
- What is the impact on travel times without the key use of an important bridge (e.g., the Francis Scott Key Bridge in Baltimore)?
- How might school district boundaries be redesigned using spatial optimization methods?

If you are not familiar with how to write a literature review, you should take time to explore and understand the importance of this part of any scientific contribution.

You are free to use a citation style that you prefer, as long as it is correctly formatted. Zotero or other referencing software may help you in this endeavor. For a detailed explanation of how to carry this out, do consult my own written approach, here.