

## **Project update 1**

By now, everyone should have settled on a study area and a data set to use for their class project. You should use this project update to share with the class any changes you have made since your project proposal, especially if you have changed study area or data sets. In addition, this update should feature whether or not you have come up against any challenges in your project. If so, outline what the challenges are and how you have tried to solve them so far. This may include technical challenges, such as a library is not working or you cannot figure out how to code something, it may be more conceptual like how-to represent space for a certain case study, it could be an issue with a particular data set for observation, or how to correctly use or interpret an analytic. Everyone list of potential challenges in their project proposal so you should be sure to address those as well as any other challenges that have arisen.

The project update should also be used to report progress on the project overall. If your project consists of building a tool or analysis workflow, then you may want to report which functionality is currently working and how much more functionality still needs to be developed. If it is more centered around data analysis, then you may want to show how you have so far explored the data, applied exploratory spatial data analysis techniques, and are preparing to apply additional analysis. Be sure to include any design decisions you have made thus far — removal of outliers, aggregations, subsets, spatial joins, other GIS operations — and any research questions you have been able to answer or new research questions you have formulated based on results thus far.

Please prepare a few slides to share with the class in order to make a brief 5 to 10 minute presentation and provide figures or code demonstrations where appropriate. On Wednesday (10/30) everyone will make presentations to the class and we will discuss and provide feedback to each other. \*\* I'll progress should be available within you're project repository. Part of your grade for this update will include an assessment of the materials in your project repository – please make sure they are organized and \*\* For this round of project updates, one-on-one meetings are not mandatory, but will be available subsequently. Feel free to email me if you have any questions or issues.