Data Collection/ Analysis Process Strategy for Landslide Prediction Research of North Huntingdon Township

As a process for the data collection & analysis, as noted in Figure 1, is similar to that for other types of research except for the methods of gathering and working with the data. For the beginning (a) we formulate research questions, (b) and conduct the data(GIS, Climate, and etc.) (e) analyze data(Modeling) and (f) report findings. literature reviews from multi sources, (c) establish criteria designs, (d) collect

locate summarized data collected for a various landslide research purpose, (e) and then do analyze data(Descriptive, Modeling, Evaluation), and (f) report regularly Especially for Data analysis part, after (c) establish criteria for inclusion, we (d)

notebook or any other data analysis environment. Variables are established, often by In the data gathering and recording stages of secondary data analysis, we establish These data, frequently subsets of larger data sets, are transported into R or Jupyter combining other variables or by constructing new variables. Once the secondary size of study, research design, quality controls, and so forth, for the data to be data have been analyzed, secondary researchers compare their findings with included. Next, they search data archives for data meeting their criteria. findings of primary researchers and report their findings.

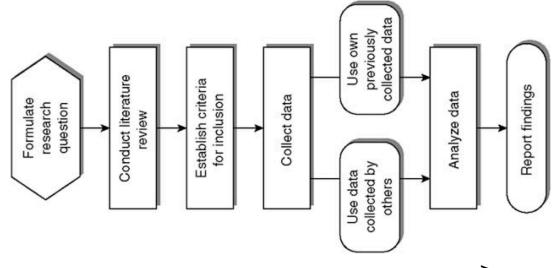


Figure 1. Data Collection & Aanalysis Process