

Tessa Vu

Dr. Wan

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Lab 8 Deliverable 3

Why might displaying the flood hazard for only the watershed be a limited choice for this specific scenario?

Flood hazard only accounts for the danger of potential flooding, this particular disaster is more complex and multifaceted, which a flood hazard display is only so limited in presenting. It is important to include maps depicting flood vulnerabilities, for example, whether it is measuring certain demographic risks like people of color or the disabled, if the flood will be affecting agricultural land or industrial parts, or even important landmarks/monuments.

Demographic data (income levels, race, disabilities, etc.) could have provided insight into certain populations more vulnerable/exposed to flooding. Classifying certain lands in the vicinity of a flood hazard is helpful, like agricultural, commercial, industrial, residential, etc. Also, determining the density of the population is important to calculate the potential number of individuals that could be affected, as well as buildings and estimating how much monetary damage there would be.