



ARC GIS Final Project



By: Jayson Simmons

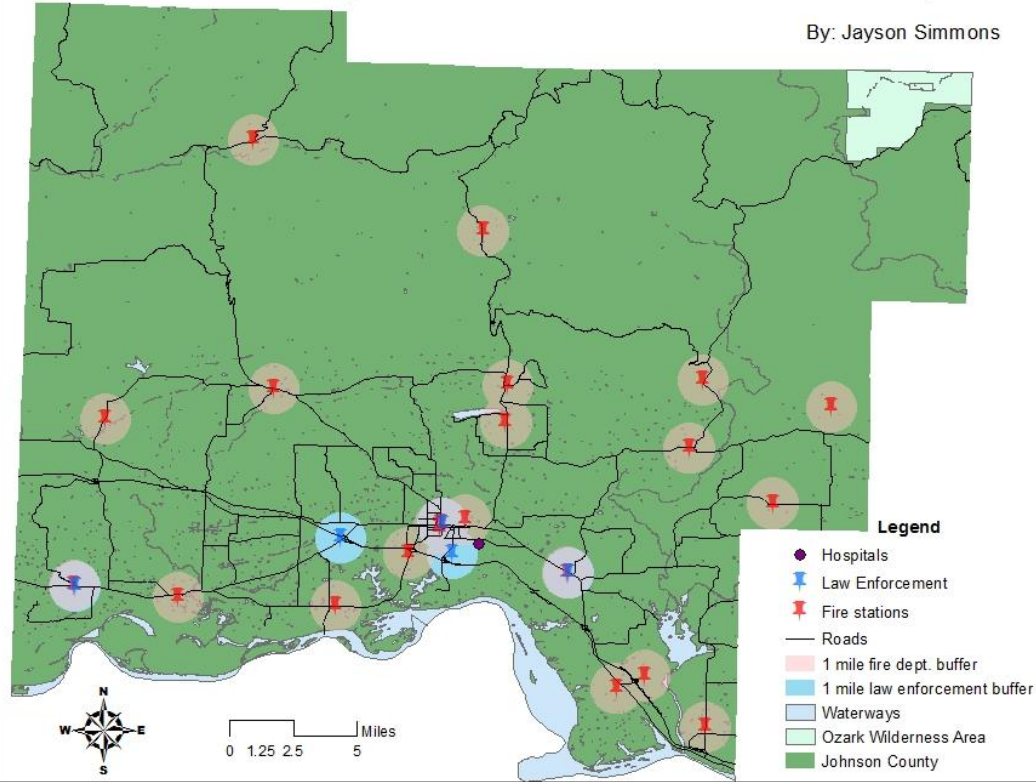


What is my project about?

- My project is for my my Hazard Vulnerability Assessment Class with Dr. Earls
 - Each group has a different county surrounding Pope County
 - Each of the three groups is tasked with developing an entire HVA for their county
- This map helps me and my partner with our research
 - Fire departments
 - Police departments
 - Hospitals

Fire/Police Department in Johnson County, AR

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Method

- I retrieved my data from two sources
 - TigerFiles
 - Arkansas GIS office
- Data that I compiled included
 - Johnson County shapefile
 - Waterways shapefile
 - Shapefile for Ozark Wilderness Area
 - Johnson County Roads Shapefile
 - Points for the police, fire, and hospitals

Method

- Process
 - Added data
 - Used the buffer tool to create a one mile transparent buffer around the police and fire departments
 - Formulated necessary map elements

Results

- Distribution of fire departments in Johnson County
- Distribution of Police departments in Johnson County
- Location of the one hospital in Johnson County