

The majority of my extended family lives in Multnomah County, Oregon, a community just outside of Mount Hood. The community faces many challenges, one of which has been the rampant fire risk that is posed by the abundant dry brush from many of the 'greenways' in the area.

After hand drawing a map of the neighborhood in which my family in Oregon lives in, I georeferenced the map and GCPs to scale. The GCPs were placed on the greenway points within the land area covered (where there is often a significant degree of flammable brush) and then placed two more GCPs along intersections for better proportionality when georeferencing and fitting my hand-drawn map to the scale of the mapframe. Below I add feature layers with 3 infrastructural elements that will help to support fire prevention and mitigation (water wells, firehydrants, and water lines). By mapping these three data layers important strides can be made to help support fire prevention efforts in the area.











