

# Waucoma Planning Unit Area Preliminary Analysis

A comparison of characteristics of the WPU and its  
intersecting watersheds

# Who am I (and why am I doing this)?

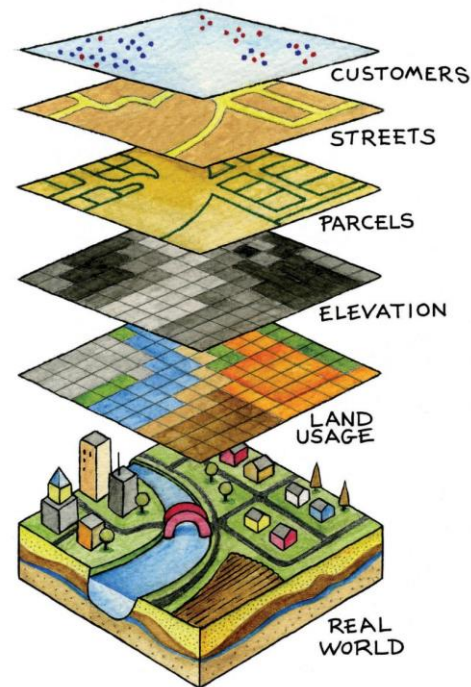
- Mike Schrankel- Hood River County GIS Coordinator
- Background in Forestry: B.s from OSU and 10+ years of field experience

# Purpose of this Preliminary Analysis

- Develop a set of compatible spatial data that can be accessed and used into the future
- Conduct an initial characterization of Waucoma Planning Unit and its surroundings

# What is GIS and why use it?

- A method of linking spatial data to tabular attributes
- It's the most efficient way to get to answers to questions about "place."



# Process

- Determine Analysis Area
- Collect Data (thanks Sam!)
- Decide which data would be useful for preliminary analysis
  - Slope
  - Vegetation Types and Cover
  - Road Density
  - Stream Density
  - Ownership
  - Land Use
  - Other?
- Do GIS!

# Basic GIS steps

- Convert raster data to vector data (when needed)
  - Much of the USFS data is derived from satellite imagery and is raster based
- Overlay analysis units as “cookie cutters” to extract data
- Summarize as maps, graphs & tables

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