



# Public Land Usage

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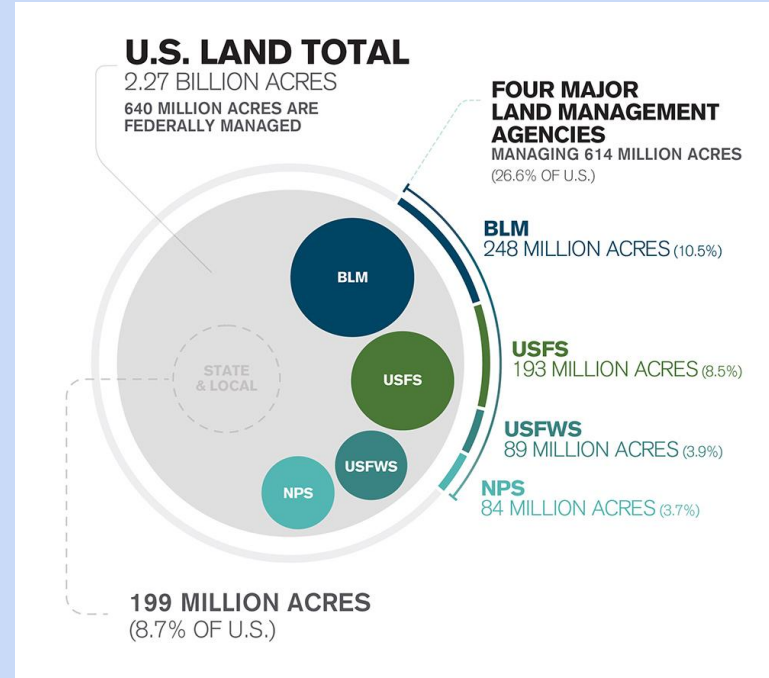
# Problem?

- Public land controlled by bureaucracy
- Multiple governmental regulators
- Multiple levels of government
- Subject to rapid change



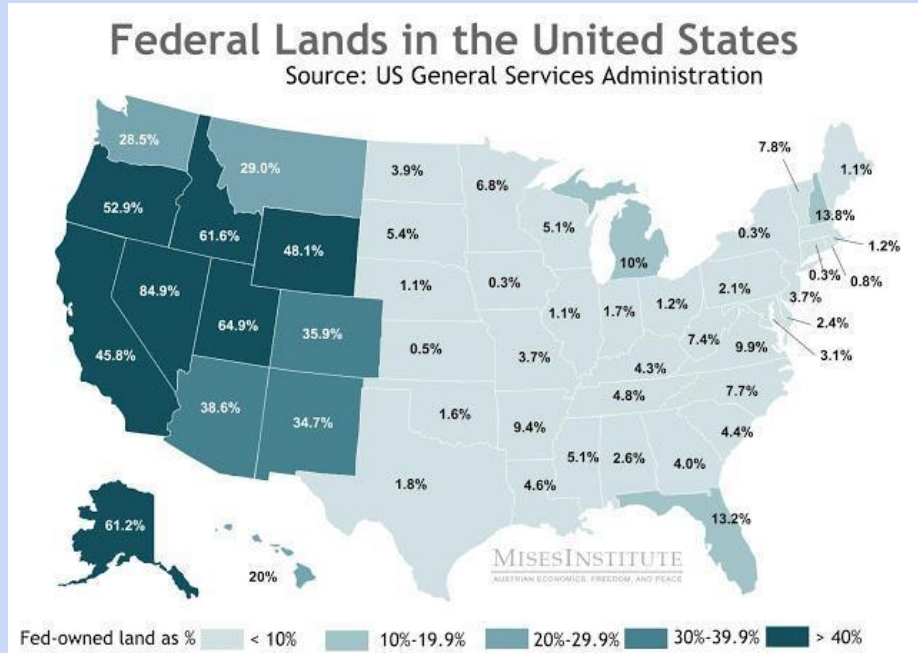
# Background

- Federal lands
  - National Park Service (NPS)
  - Bureau of Land Management (BLM),
  - U.S. Fish and Wildlife Service (USFWS)
  - U.S. Forest Service (USFS).
    - Together regulate 26.6% of **total** land in US
- State / local lands
  - Each state, district, and city unique
  - Another 8.7% of US



# Why is this so Important?

- Citizens and private companies use this land
  - Logging, herd ranging, commercial fishing, etc
- More than 50% of most Western states!
- Regulations there to protect land
- Difficult to decipher legal code
- Most important time to understand laws
- Outdoor recreation \$412 billion industry in US



# My Project

- Focus on Western States
  - Most of the land in US
  - Most relevant to us
- National Parks
  - High profile
  - Focus on recreational use
  - Manageable scope

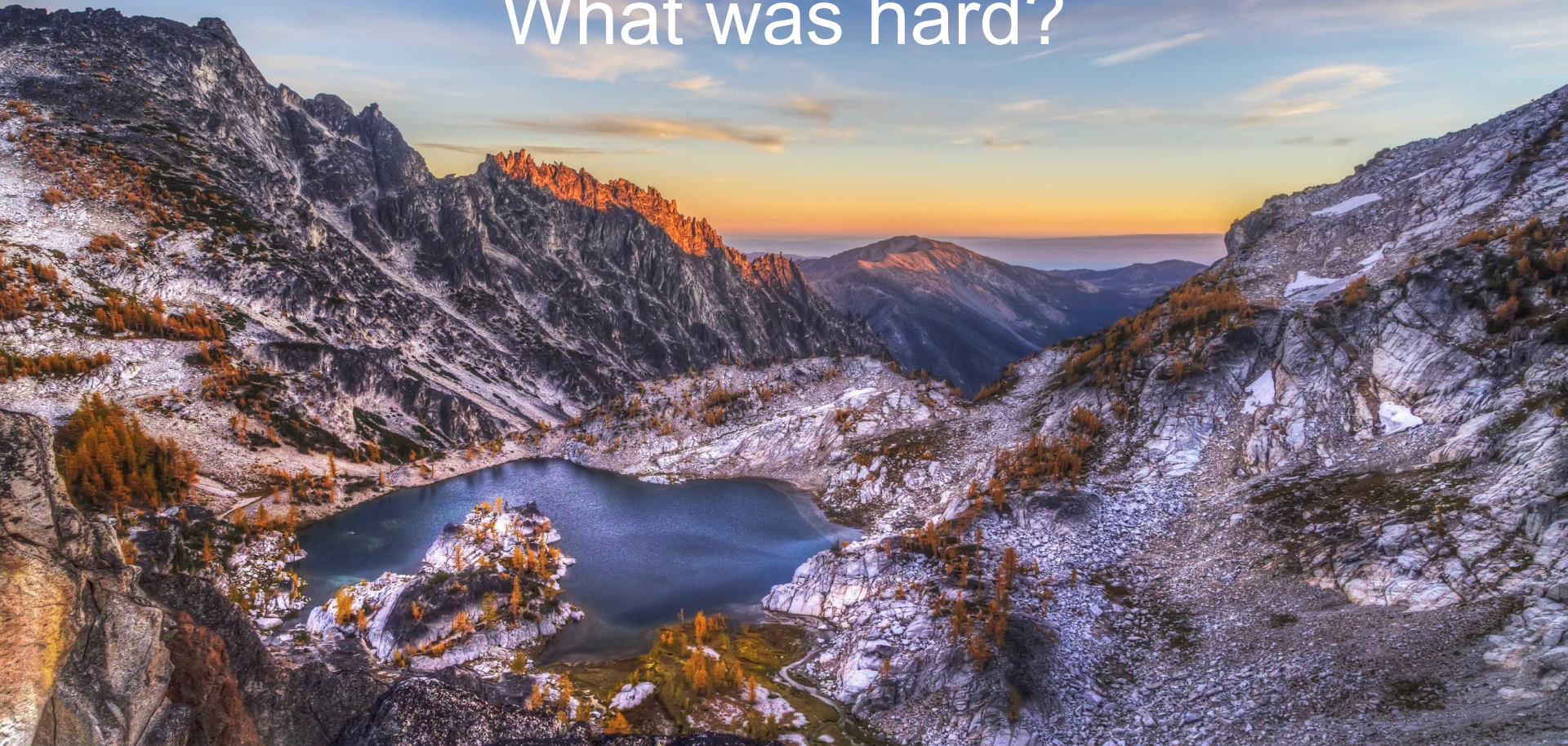


# Logic Programming?

- Basic, (mostly) objective legal code
  - Series of “do”s and “don’t”s
- Multi-directional laws modeled by logical statements
  - Ex. If you want to be in Yosemite, you cannot baitfish
    - If you want to baitfish, you cannot be in Yosemite
- Worksheets allow for a large amount of interaction
  - Display complicated legal system in an easy to follow format



What was hard?



Demo

