



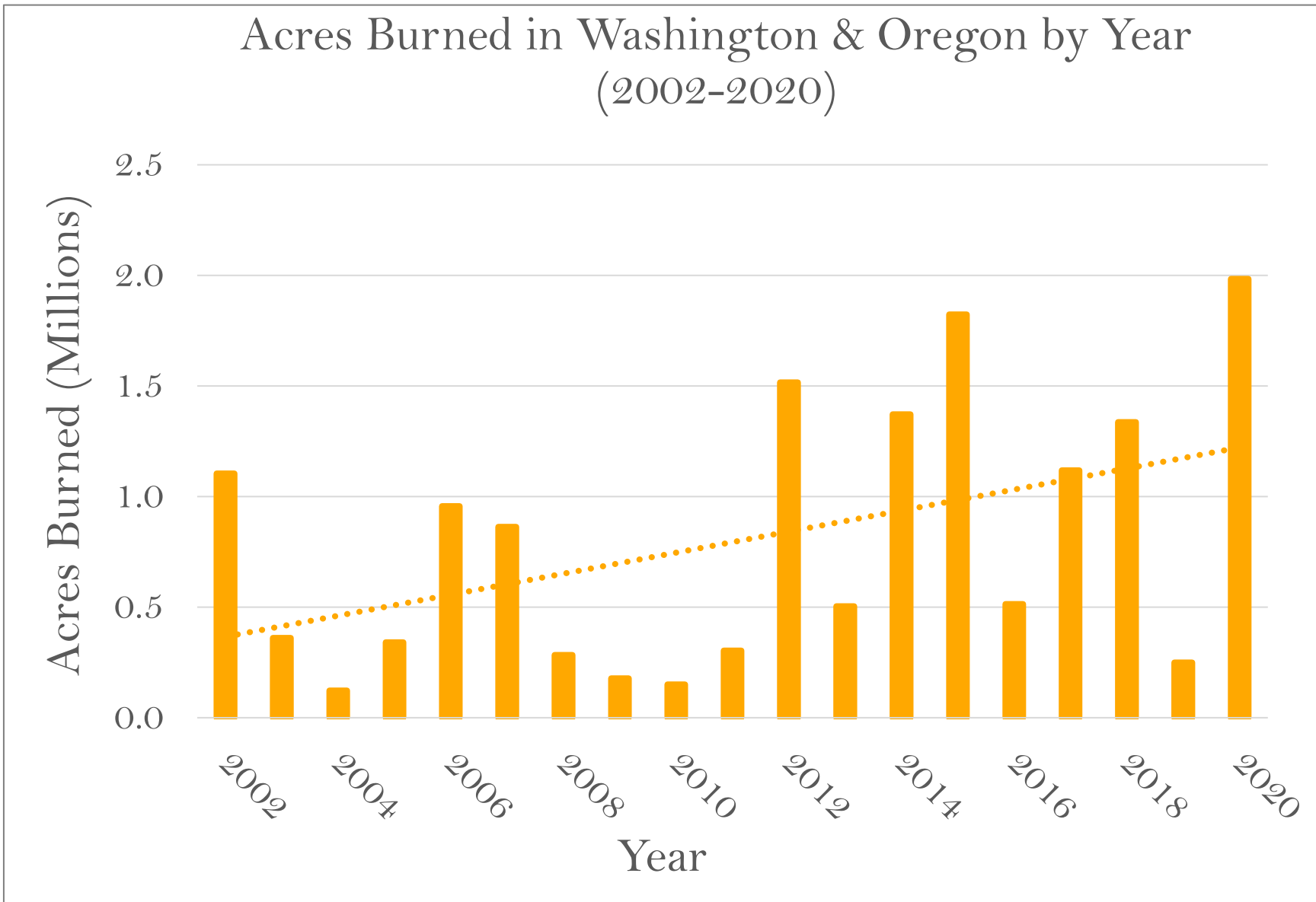
# Large Landowner Perspectives & Practices

---

Fire, Carbon, & Cross-Boundary Management Across PNW Forests



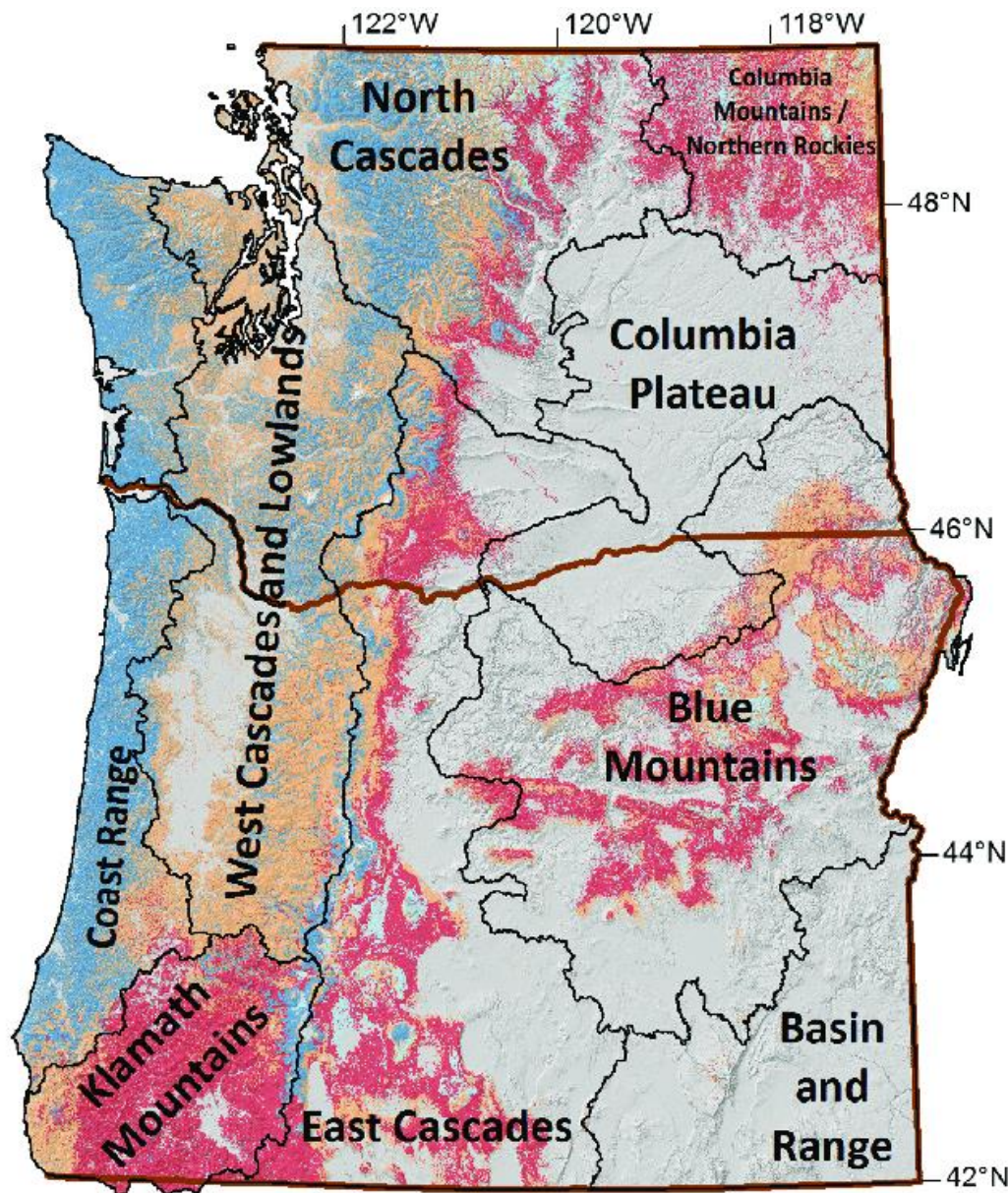
# Wildfire in the PNW



Data Source: National Interagency Fire Center



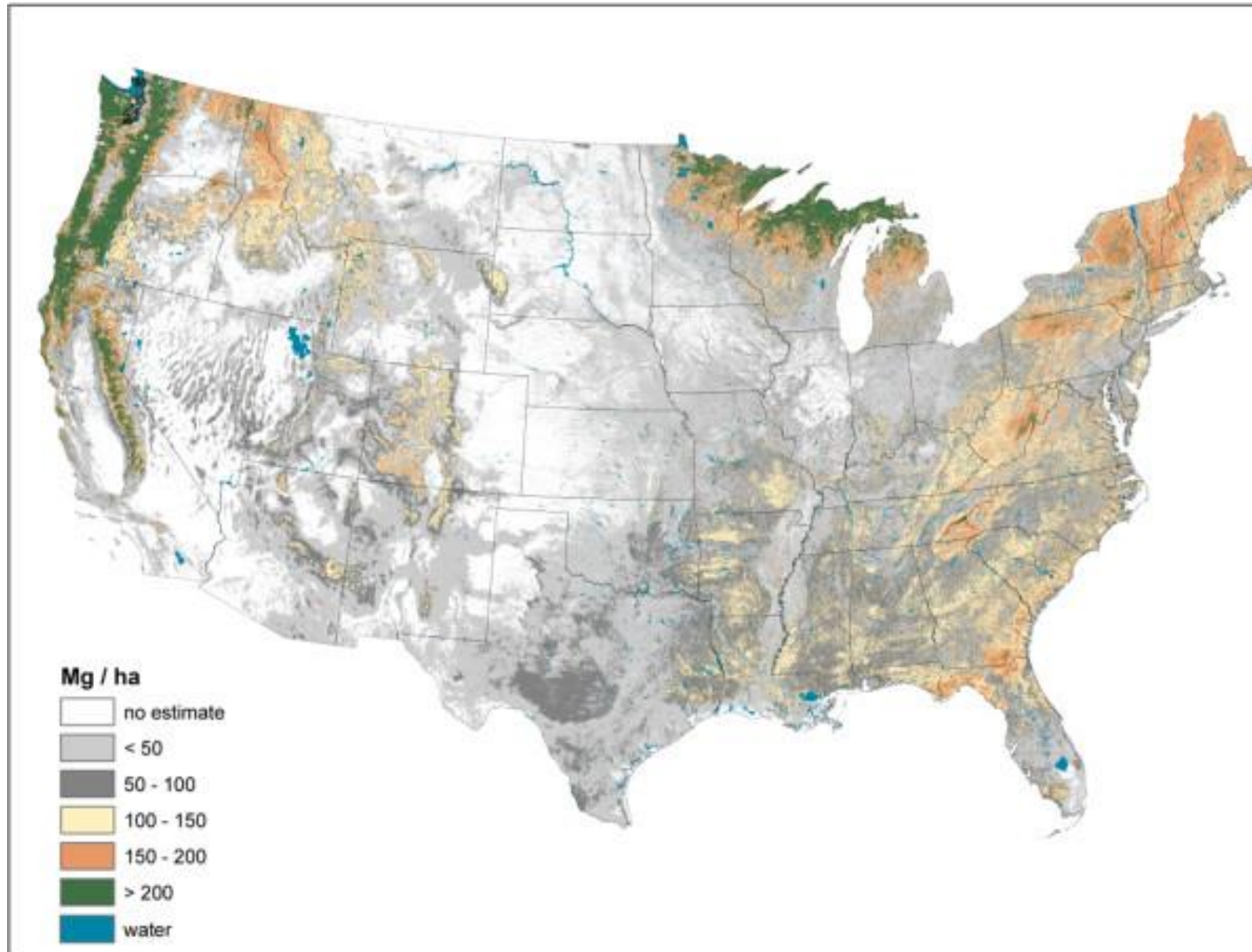
# West-Side Wildfire



PNW ecoregions & forested historic fire regime groups (Haugo et al. 2019)



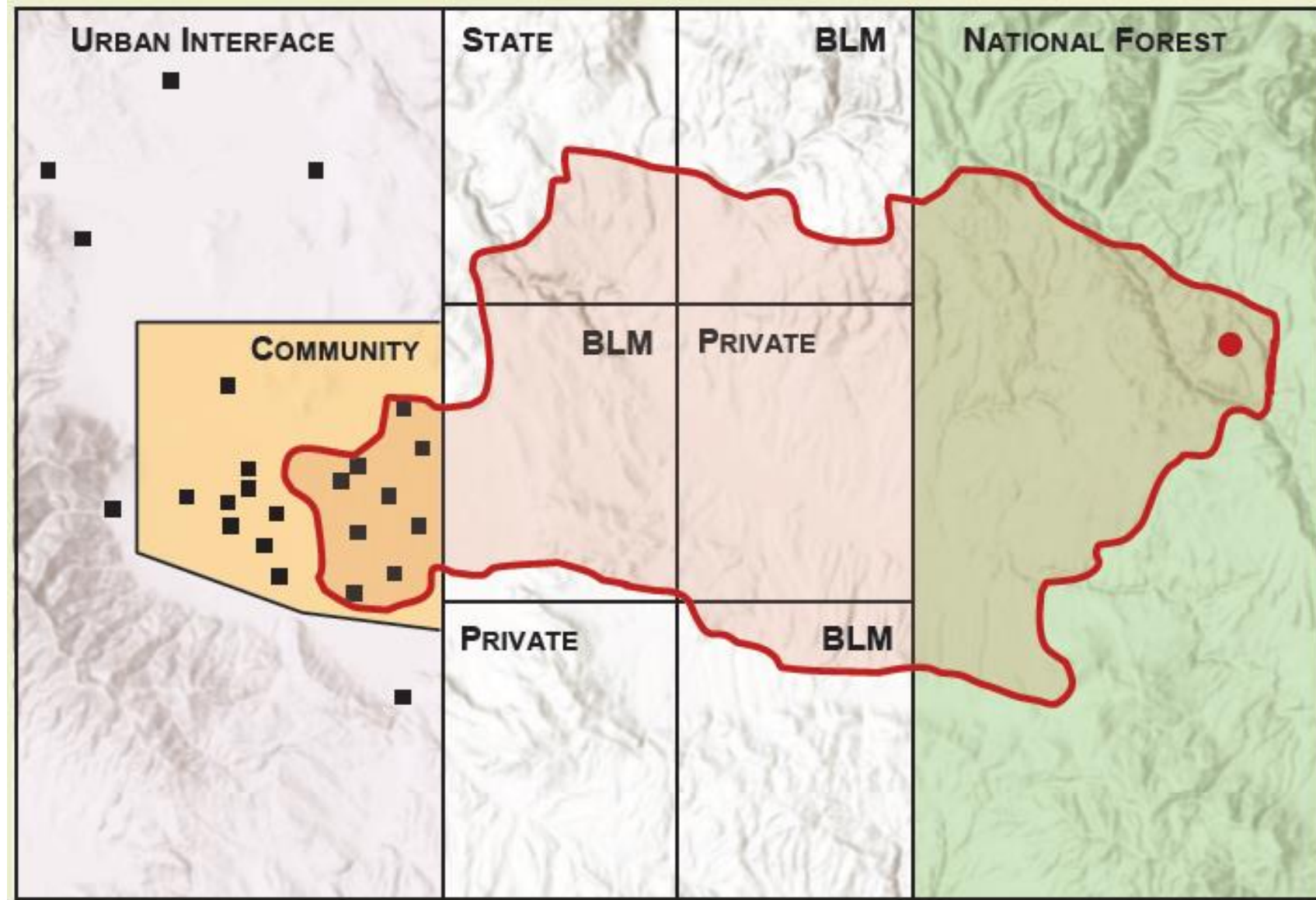
# West-Side Forest Carbon



Total forest ecosystem carbon density (Wilson et al. 2013)



# Cross-Boundary Threats & Opportunities



Example of a cross-boundary wildfire (Ager et al. 2019)

# Interviews with Large Landowners

Eligibility determined by:

## 1. Ownership type

- Public (State, Federal)
- Tribal
- Private  
(Corporate/industrial,  
Non-profits/NGOs)

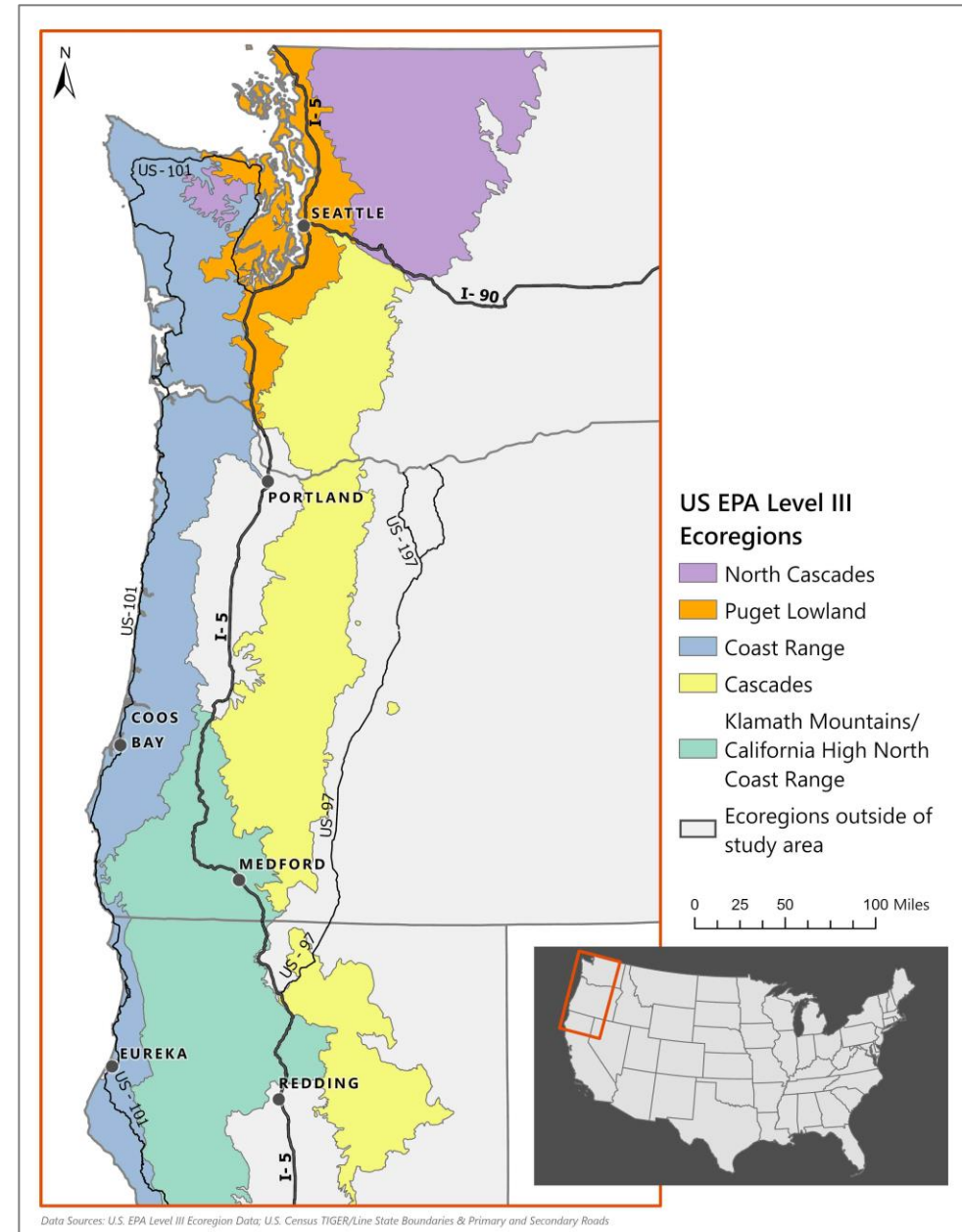
## 2. Landholding size

- 5,000+ acres

## 3. Regional focus

- WA, OR, & CA

## 4. Ecoregion



# Sampling

Federal		Tribal	State			Large Private	Total
BLM	USFS		WA	OR	CA		
<b>9</b> Field offices	<b>21</b> Ranger districts	<b>10</b> Tribal Nations	<b>9</b> DNR districts	<b>4</b> State forests	<b>1</b> State forest	<b>40</b> Owners	<b>94</b> Owner ships

# Areas of Inquiry



Forest management **goals**



Current forest **management practices** & if/how they consider fire/carbon



**Perceptions** of wildfire & climate change



Management **trade-offs** in the context of fire/carbon



**Collaborative/cooperative management** across land ownerships



**Drivers** of forest management decision-making



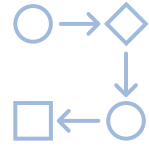
**Barriers to/opportunities** for management to address wildfire & carbon



# Applications



West-side  
knowledge



Modeling



Policy

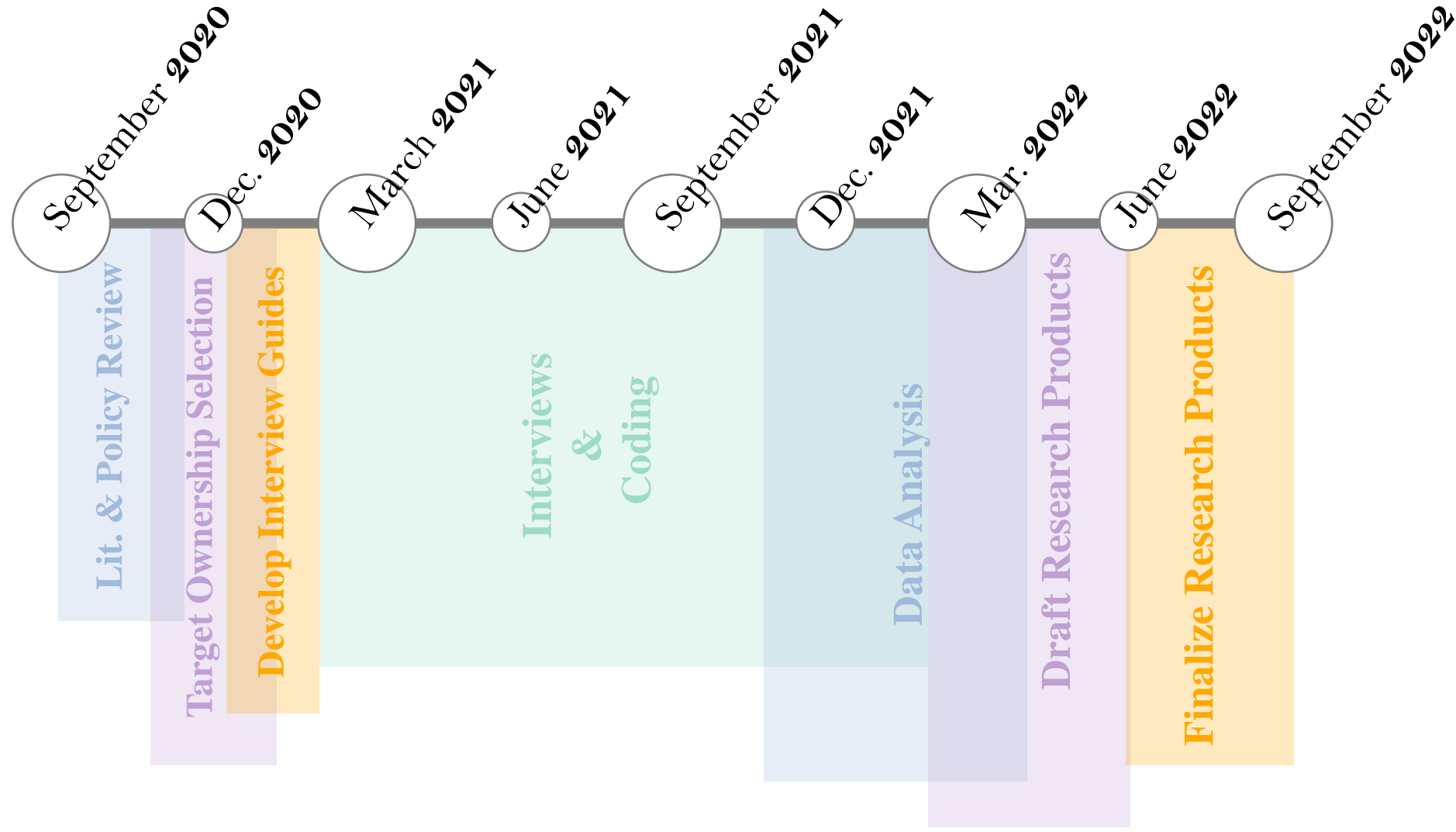


Planning



Management  
Practices

# Timeline & Next Steps



**Thank you!**



**Gretchen.Engbring@usda.gov**