

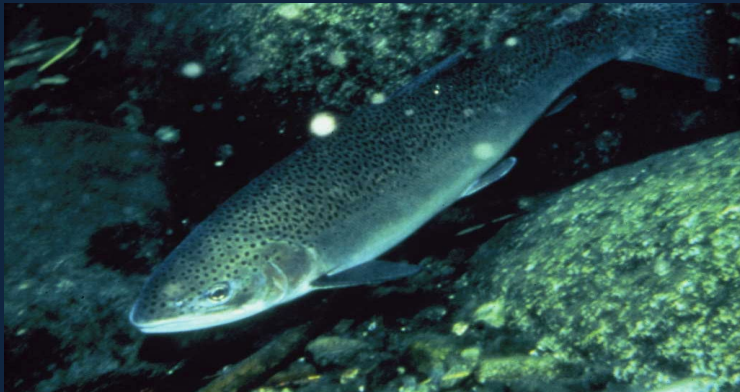


Roundtable of Regions 2021 Summit
Climate Resilience & Integrated Regional Water Management:
Building Successful Partnerships

November 16, 2021

California's North Coast Region

- 19,000 square miles/12% of California
- Source region: water, carbon, biodiversity
- < 2% population
- 34 federally recognized tribes
- Diverse perspectives
- Degraded built & natural capital
- Economically disadvantaged communities
- CC & extreme events: fires, floods, drought





- Leadership: North Coast Tribes & Counties
- Equity, Transparency, Inclusion, Shared Vision
- State & Federal Partner Collaboration
- Western & Tribal Science:
 - Landscape Scale + Local Data, Local Knowledge
- Prioritization & **Implementation** of Projects/Actions
- Efficient & Effective Use of Public Dollars/Reporting ROI

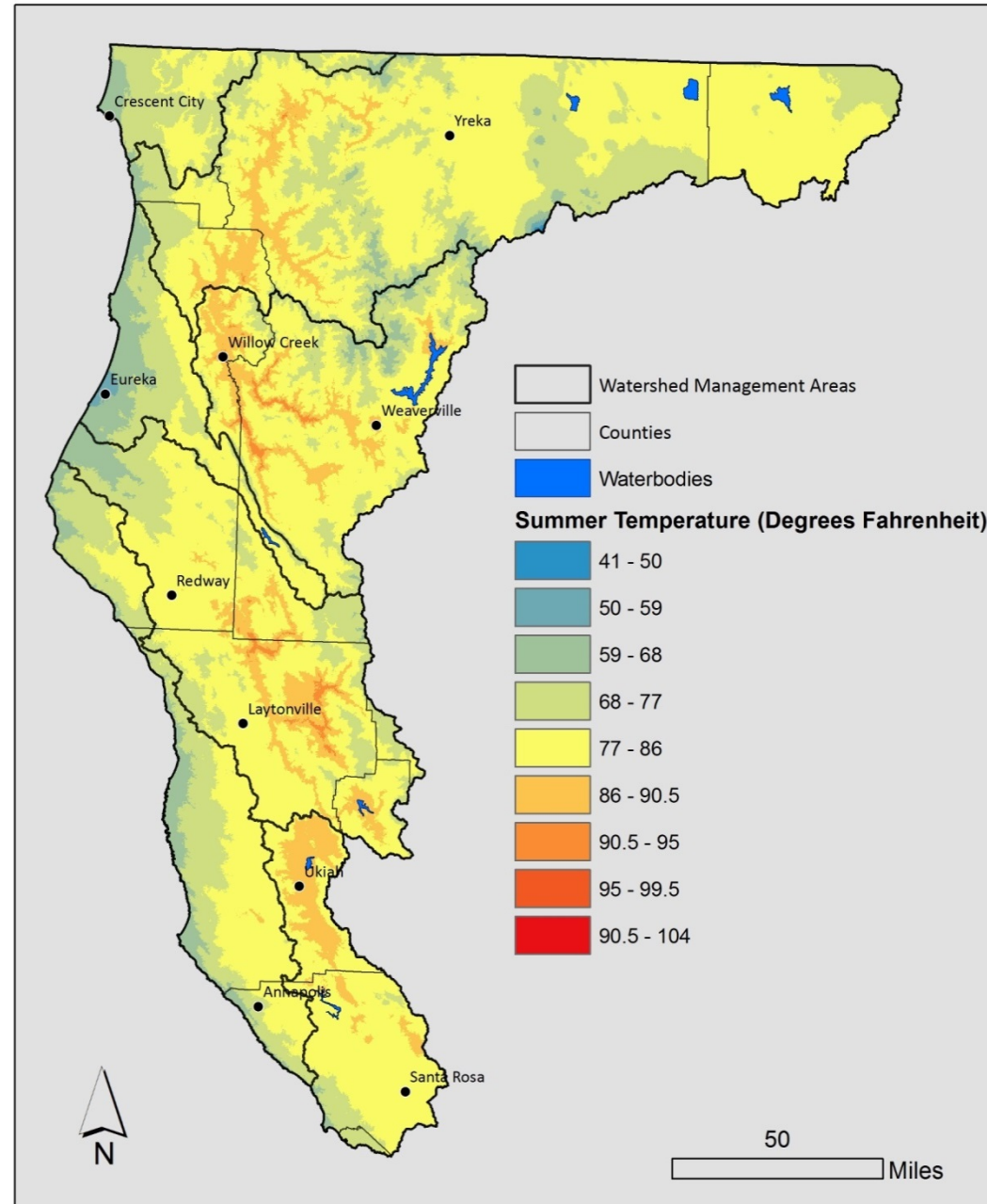
Multiple Integrated Benefits

- Forest health/fuel load reduction
- Community health & safety
- Water quality and supply
- Climate action (emissions, sequestration, adaptation)
- Functional built infrastructure
 - Water
 - Energy
 - Communications
- Working and natural lands
- Local economic vitality



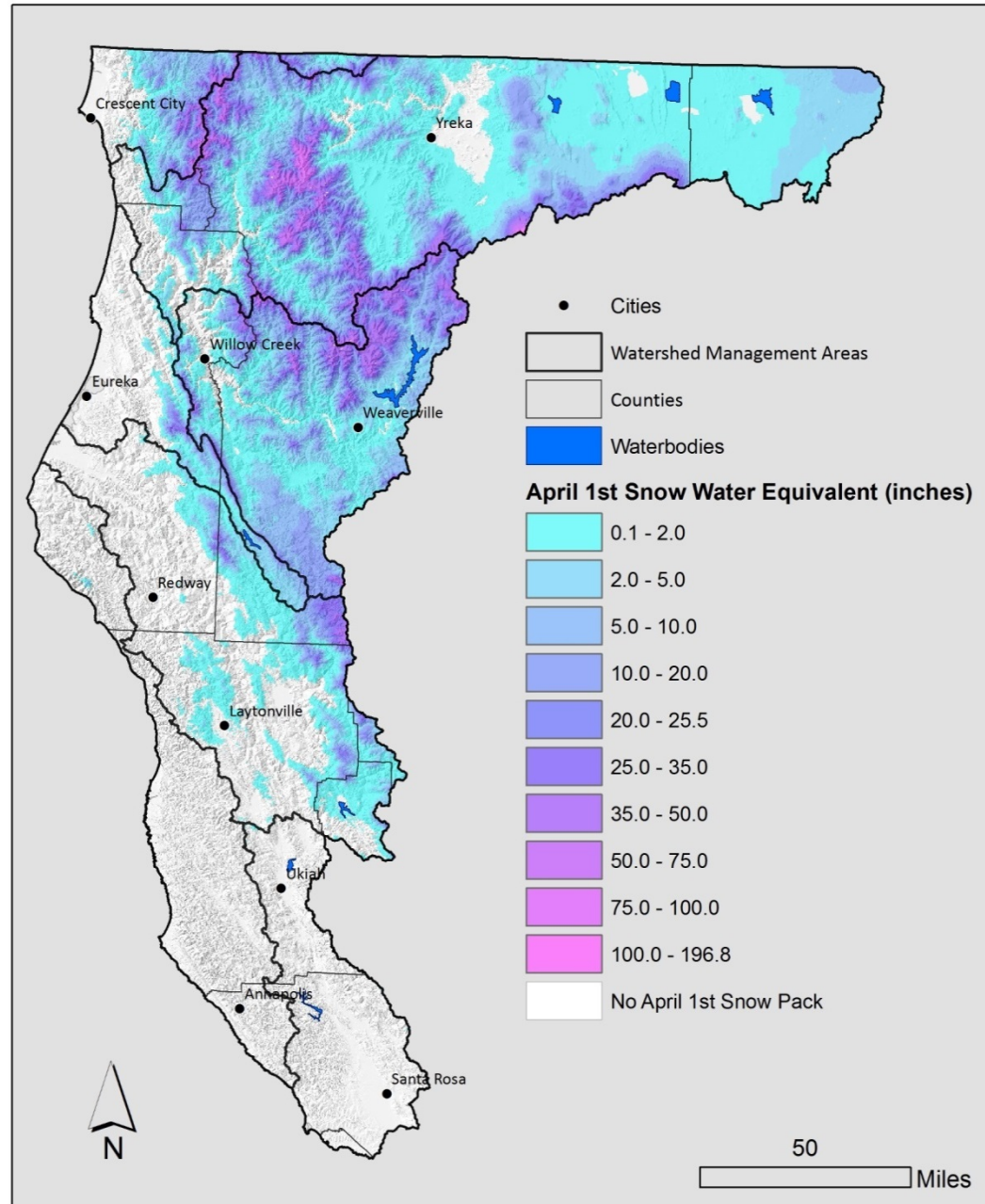
North Coast Resource Partnership - Summer Temperature (JJA)

Historical (1951-1980) mean



- *Pepperwood Center for Conservation Science*
- *USGS*

North Coast Resource Partnership - April 1st Snow Water Equivalent
Historical (1951-1980) mean

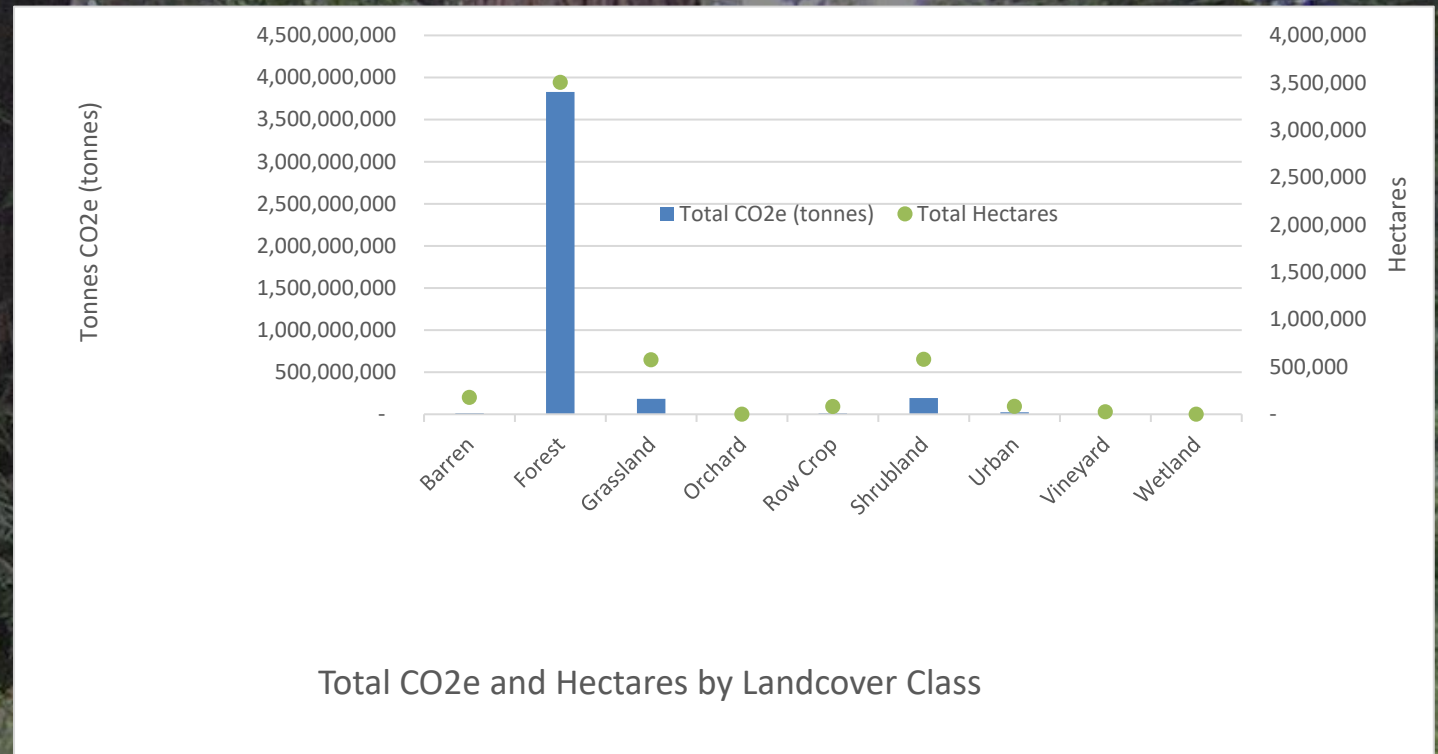


- *Pepperwood Center for Conservation Science*
- *USGS*

North Coast Carbon

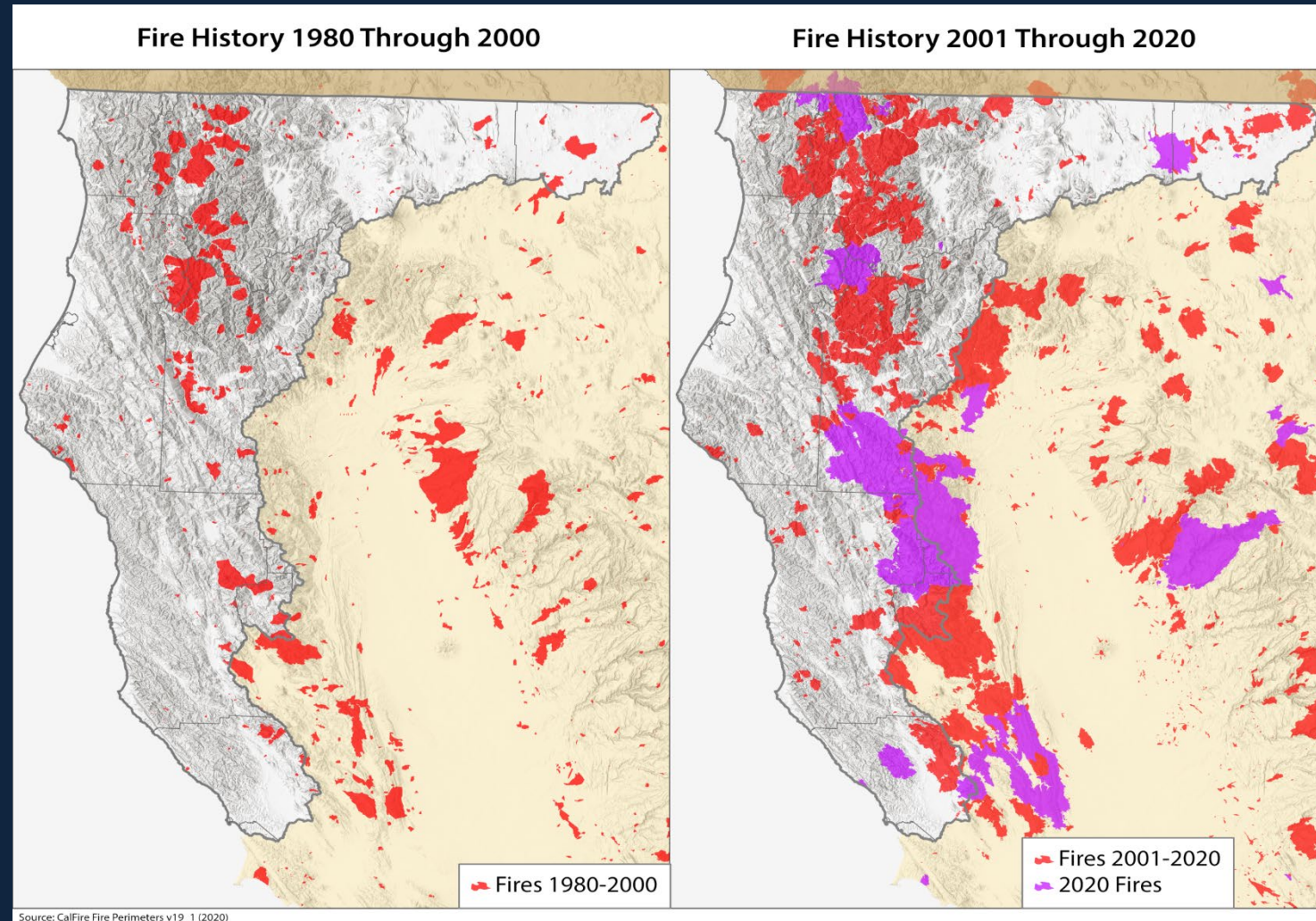
4+ Billion

Metric Tonnes CO₂e (avoided emissions)

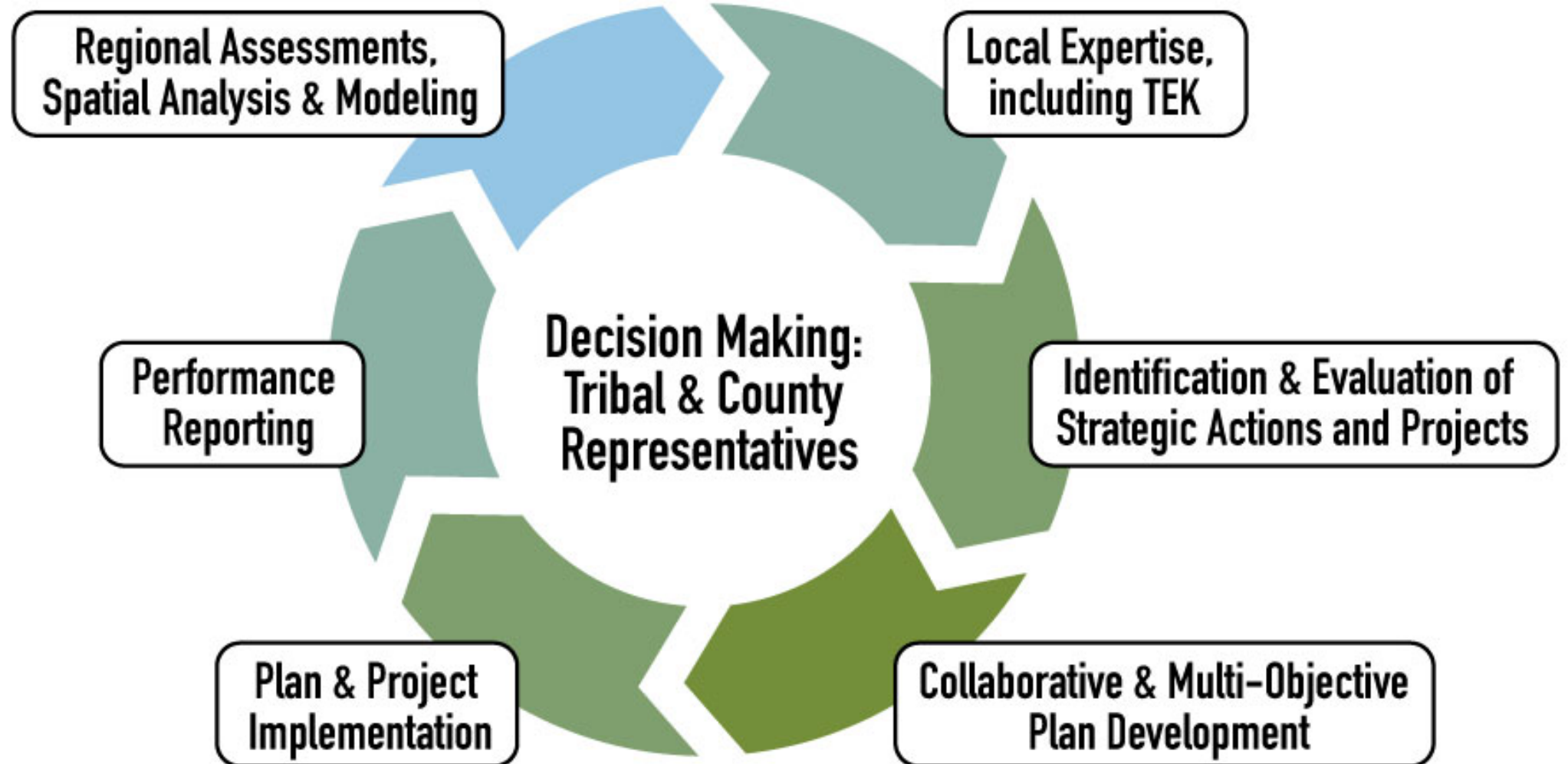


Extreme Events + Climate Change

- Wildfire
 - Last 5 Years: 25% of CA Fires
 - Carbon & Emissions
 - Water Quality & Supply
 - Human Health & Safety
 - Economic Disruption
- Flooding
- Drought
- Community Health/Safety
- Sea Level Rise
- Failing Infrastructure
- Habitat & Species Loss





NCRP ADAPTIVE PLANNING & PRIORITIZATION FRAMEWORK



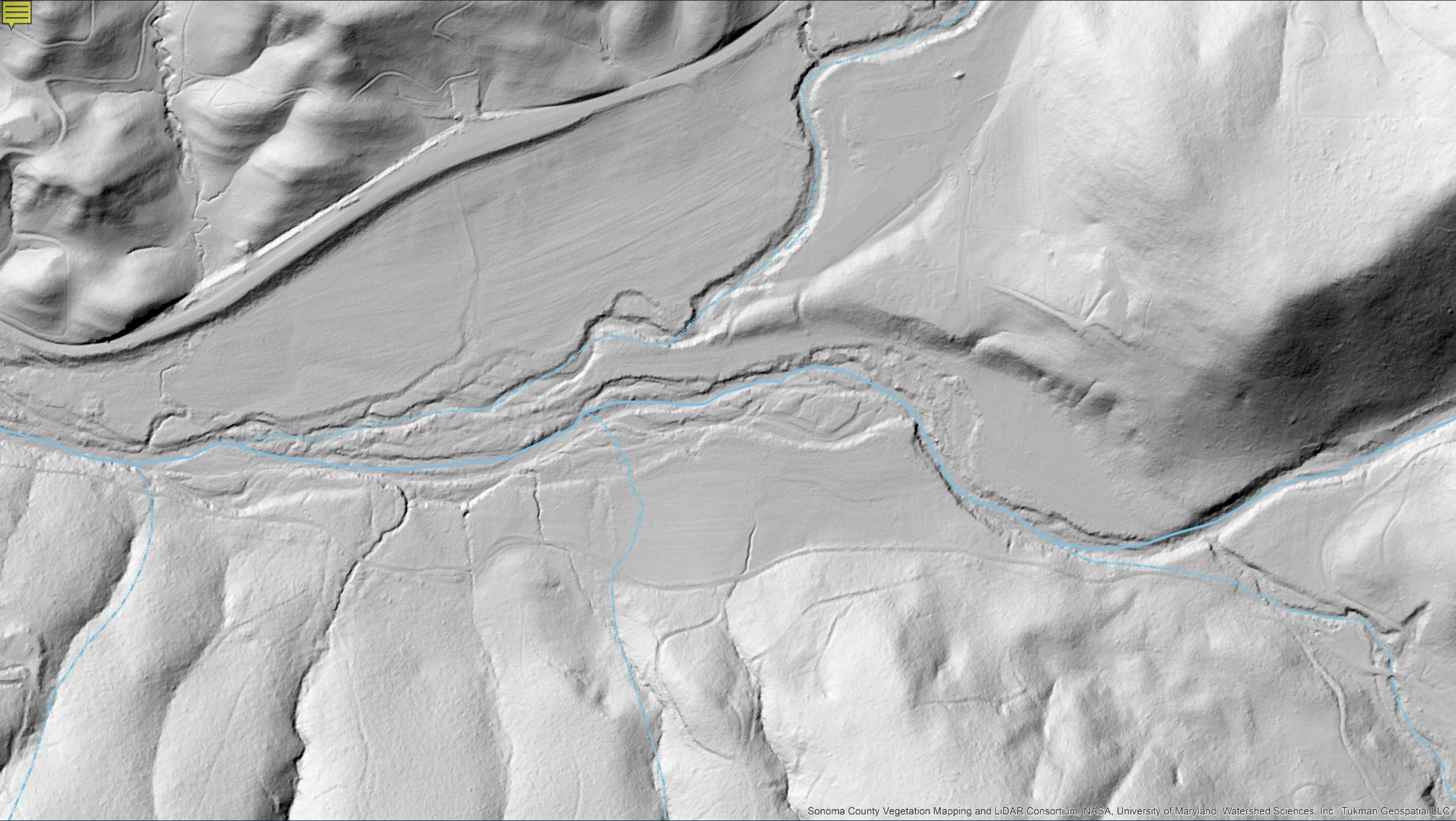
Fuel Loads & Ladder Fuels

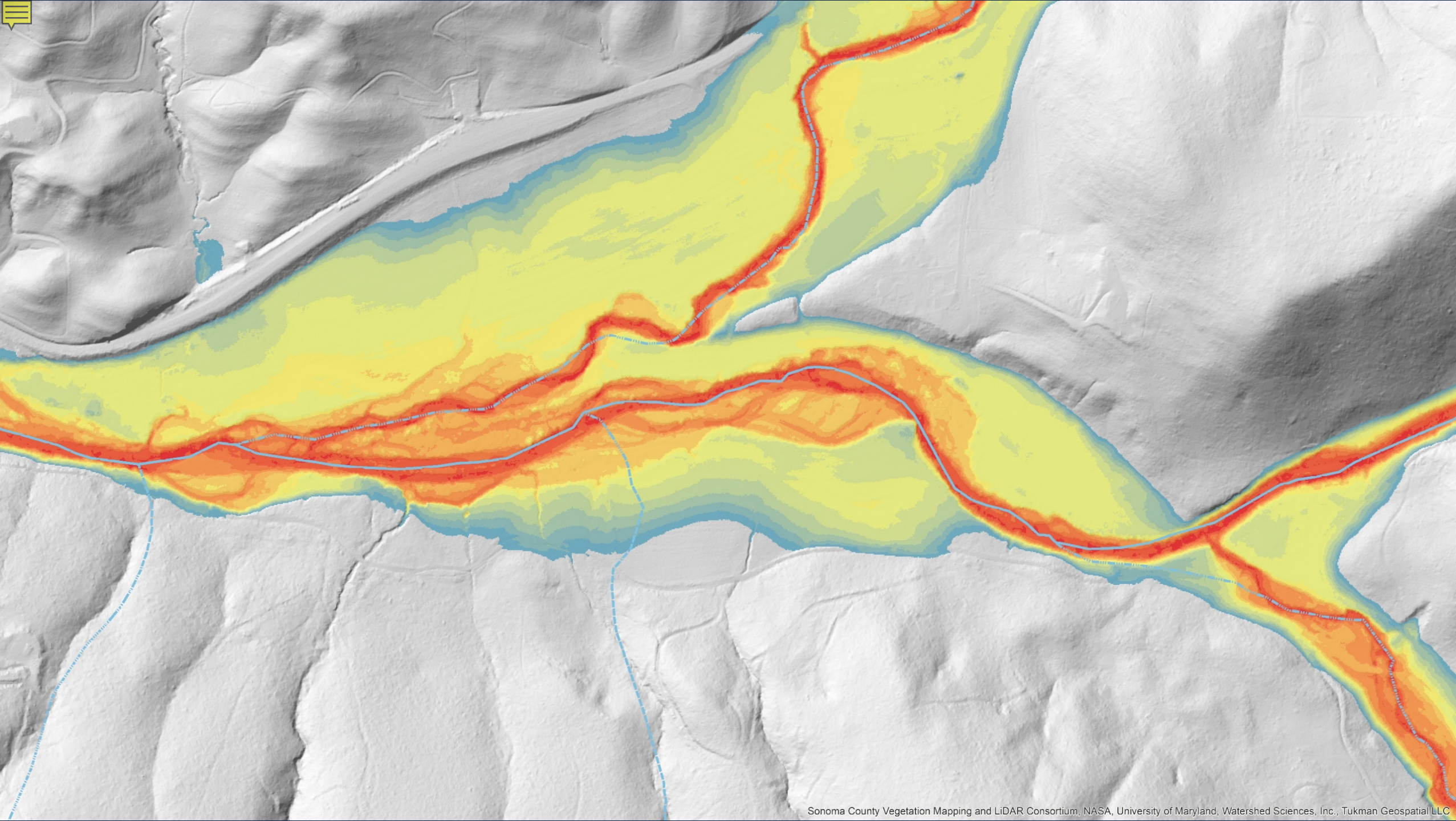
 Building Footprint

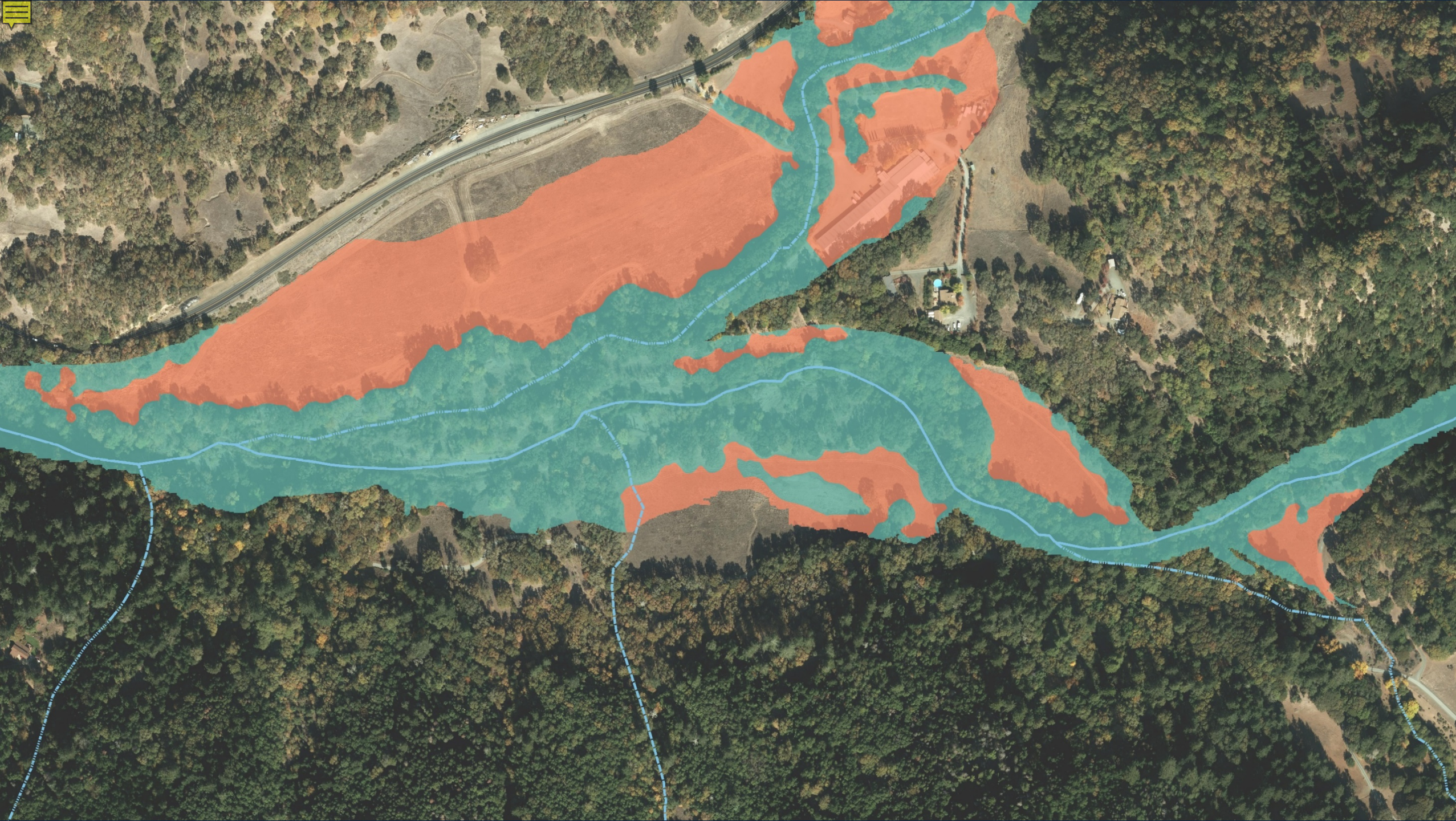
LADDER FUELS

 Higher density
 Lower density



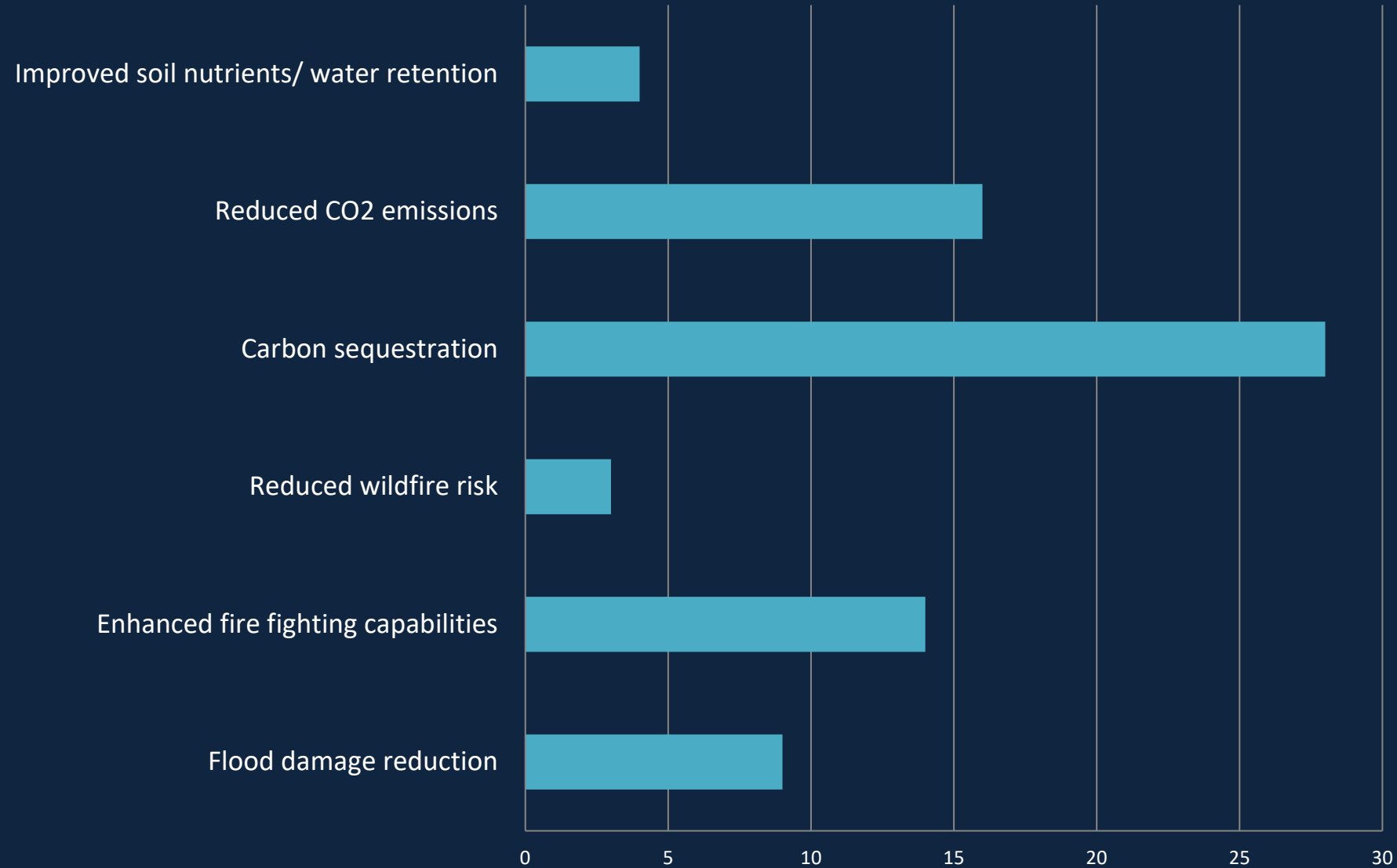








Performance & Return On Investment





NORTH COAST RESOURCE PARTNERSHIP

<https://northcoastresourcepartnership.org/>