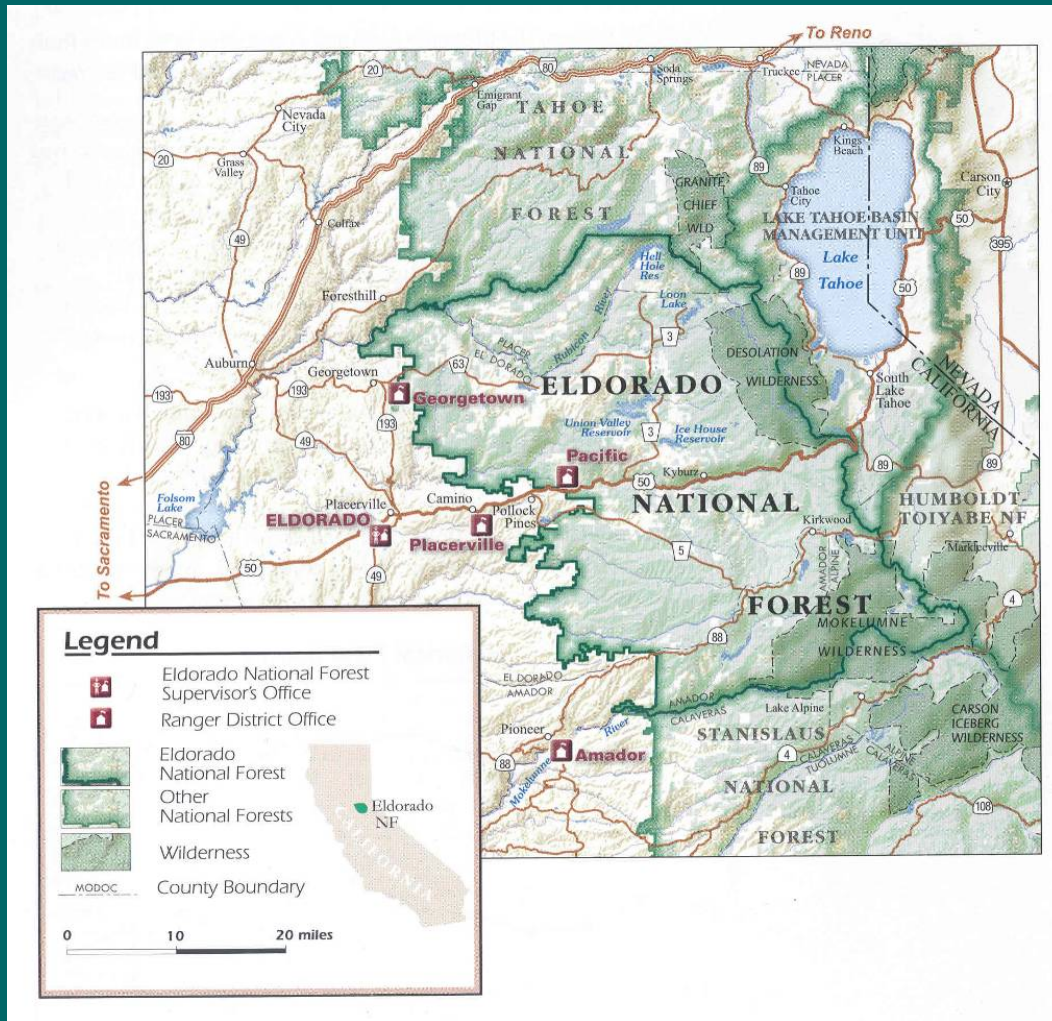


# ELDORADO NATIONAL FOREST

## State of the Forest

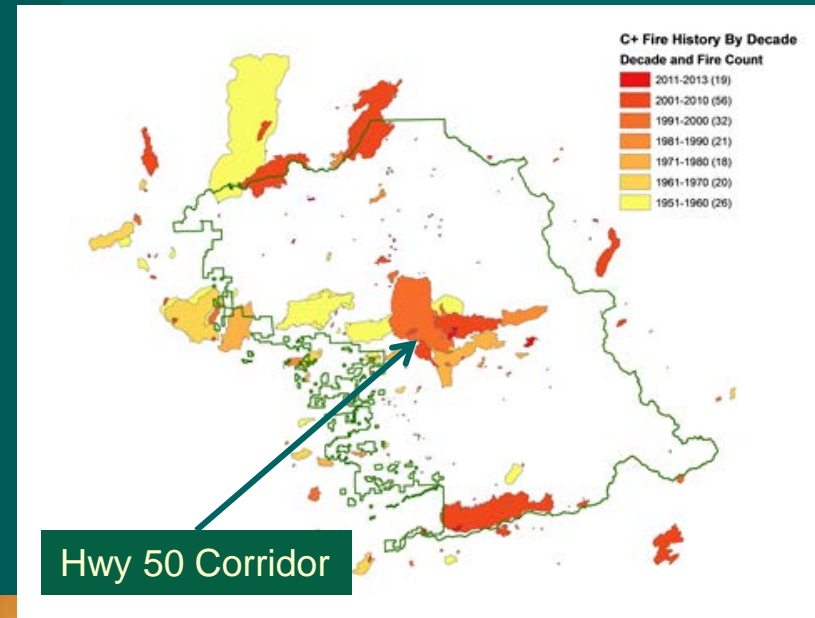
### Laurence Crabtree, Forest Supervisor



- 597,000 acres of NFS land
- 308,000 acres of land suitable for timber production
- 193,000 acres of private land within the ENF boundary
- 1989 Forest Plan; supplemented with 2004 Sierra Nevada Forest Plan Amendment; 2016-2018 Revision

# Risks to the Forest

- Dense ground and ladder fuels, poor forest health, and risk of catastrophic effects from wildfire
- Harvest is about 18% of the 200 MMBF annual growth
- Steep slopes are difficult and costly to treat
- Warming and drying climate leading to increased fire size and intensity



# Opportunities

- Work across boundaries to achieve landscape restoration
- Increase the pace and scale of fuel treatment and thinning, to improve resiliency to wildfire, and to provide local jobs
- Utilize authorities under the Farm Bill to reduce the risk of insect and disease infestation in the South Fork American River Watershed
- Continue to use stewardship contracts to exchange Goods for Services: timber value offsets costs of service work to accomplish more acres



# Benefits of Investments in Fuel Treatments

## Mokelumne Avoided Cost Study

- Fuel treatments can significantly reduce the size and severity of wildfires
  - Fire size reduced up to 76%
  - Acreage of high-intensity fire reduced by 75%
- The value of avoided costs significantly exceeds the cost of fuels management
  - Avoided cost of fire suppression, structures lost, post fire restoration, utility loss, road repair, timber saved, etc.
  - Avoided cost was 2-3 times the cost of fuel treatments.
- The economic benefits of fuel treatments accrue to a wide range of landowners, public and private entities, taxpayers and utility ratepayers
  - Biomass, timber, carbon sequestration, private property protection, avoided costs, lowered emissions, utility protection



# Continue Successes Using Stewardship Contracting



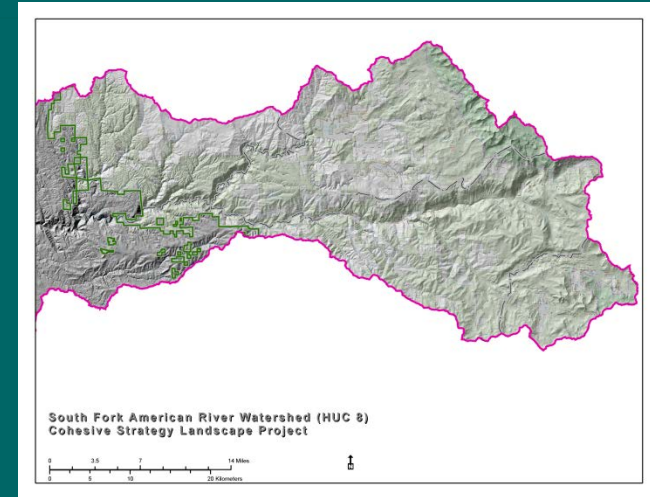
35 stewardship contracts awarded over last 10 years:

- 164 MMBF (337,500 CCF) of commercial thinning with a stumpage value of \$14,000,000
- 36,000 acres treated for ground and ladder fuel reduction at a cost of \$9,600,000 – *paid for by timber value*
- \$3,800,000 of road repair and maintenance – *paid for by timber value*



# Implement the South Fork American River Cohesive Strategy Project

- 1 of only 2 selected projects in California
- 250,000 acres in the South Fork American River Watershed
- The goals are:
  - to restore and maintain landscapes resilient to wildland fire;
  - to create fire adapted communities and
  - to improve responsiveness to wildfires.
- Work across ownerships and boundaries
- Apply a collaborative approach to planning
- Implement projects already in the pipeline and new projects to meet the goals



# Maintain and Enhance Forest Products Infrastructure



- Closure of the Camino sawmill in 2009 reduced revenue from timber to fund fuel treatment & restoration work by 67% (\$250-290/ac) due to increased haul cost
- Currently, biomass utilization requires haul subsidy or closer facilities
- Maintaining logging, contractor, and forest products manufacturing infrastructure essential to meeting goals