The Sierra Nevada Region

- 25% of California's land area, 25 million acres
- Provides 60% of California's developed water supply
- Houses 60% of California's animals
- Houses 1 in 3 animals that are threatened or endangered
- Stores half of California's forest carbon
- Supports 600,000 residents
- Supports 212 communities
- Sustains 50 million recreation visit days per year

www.SIERRANEVADA.ca.gov
THE DIAGNOSIS:
Sierra Nevada in Peril

❖ Many forests are overgrown & unhealthy
❖ Unprecedented levels of severe wildfire & tree mortality
❖ Meadows & streams are in need of restoration
❖ Many communities continue to face economic challenges
The Result

- **NET CO₂ EMISSION**
- **POOR AIR QUALITY**
- **PUBLIC HEALTH CONSEQUENCES**
- **HIGH TREE MORTALITY**
- **SEVERE FIRE**
- **BURNED AREA & SHRUBLAND**
- **HABITAT LOSS**
- **DECREASED RECREATION**
- **DECREASED GROUNDWATER STORAGE**

**UNHEALTHY FORESTS**
THE GOOD NEWS:
We Know What to Do

The science is clear in terms of the benefits of healthy, resilient forests. This can be achieved by:

❖ Ecologically sound thinning & timber harvest
❖ Prescribed & managed fire
❖ Appropriate reforestation

Photo by: Susan Kocher