

# Sierra Nevada Tree Mortality Data Network Workshop Agenda

March 14, 2019 • 10 am – 4:30 pm

US Forest Service Wildfire Training Center, McClellan, CA

## 9:00 - 9:55 – Coffee & Refreshments

10:00	Susie Kocher and Jodi Axelson – Welcome & Introductions
10:10	Brittany Dyer – Local reactions and responses to tree mortality: A flash back
10:30	Kevin Conway – Forest Management Task Force: Coordinating the State's investment in forest management, forest product utilization, and workforce development
10:50	Q & A
11:00	John Battles – Trends in tree mortality and dead biomass across a latitudinal gradient
11:10	Leif Mortenson – 2018 tree mortality trends and preliminary data on tree fall rates
11:20	Rebecca Wayman – Wildfire severity following recent tree mortality in mixed-conifer forests of the Sierra Nevada
11:30	Q & A
11:45	<b>Roundtable Session (see description on next page)</b>

## 12:30 - 1:15 – Lunch (provided)

1:15	Derek Young – Forest resilience to extreme drought: natural patterns and effects of pre-drought density reduction
1:25	Jodi Axelson – Structure and composition of natural regeneration across a latitudinal and tree mortality gradient
1:35	Kristen Shive – Predicting the spatial patterns of regeneration postfire
1:45	Q & A
2:00	<b>Roundtable Session (see description next page)</b>

## 2:45 - 3:00 – Coffee & Refreshments

3:00	Rob York – Tree mortality in the context of long-term forest dynamics
3:15	Sarah Bisbing – Use of adaptive silviculture in the Sierra Nevada: a multi-ownership approach
3:30	Larry Swan – Biomass utilization in the southern Sierra Nevada: current status and emerging markets
3:45	Q & A
4:00	Closing comments, next steps and workshop evaluation

## 4:30 – 5:30 – Optional Sessions (see next page)

- 1) Carmen Tubbesing – New California Biomass Web Tool: Hands-on tutorial and practice session
- 2) Amye Osti & Holly Jorgensen – Landscape Level Planning Tool for Butte County Forest Health and Fuels Reduction Projects

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## Roundtable Sessions

In the future, sustained droughts and subsequent tree mortality events are highly likely. In California, now is the time to think about what proactive forest management and rapid response looks like. With this in mind, the roundtable sessions are aimed at developing *Action Plans* to address tree mortality in California.

**Morning session:** Action Plan for rapid response to the *next* tree mortality event

Possible questions: What do we need in terms of research and monitoring and advance planning to prepare for the next tree mortality event? What ecological and social indicators should trigger different policy and management actions?

**Afternoon session:** Action Plan to regenerate forests after *current* and *future* mortality events

Possible questions: What are key indicators of a healthy forest? What does a regeneration response look like? What indicators trigger action and what is the timeline?

### Roundtable structure:

1. Break into three groups to identify the most pressing needs and opportunities for action on Research, Policy, and Education/Outreach (20 minutes)
2. Reconvene to integrate the main points from each of these three pillars into the framework of an Action Plan that can be shared with researchers, policymakers, and practitioners (20 minutes)

## Concurrent Optional Sessions 4:30 - 5:30

### 1) New California Biomass Web Tool: Hands-on tutorial and practice session

<http://geodata.ucanr.edu/biomass/>

Learn to use the online biomass tool in this 1-hour tutorial. If you plan to participate bring a laptop and check that you have a browser that is compatible with the website (some versions of Internet Explorer are *not* compatible). For questions contact: [ctubbesing@berkeley.edu](mailto:ctubbesing@berkeley.edu)

### 2) Landscape Level Planning Tool for Butte County Forest Health and Fuels Reduction Projects

Informed planning and prioritization of restoration projects across the landscape requires access to extensive data. In Butte County, collaborative efforts have identified more than 300 datasets needed to develop prioritization scenarios for fuels reduction and restoration projects. This presentation will demonstrate the project accomplishments to date and outline how we could benefit from community expertise.

Register by March 8! <http://ucanr.edu/2018treemortality> Registration is free