



Meeting Notes  
March 22, 2016  
Tree Mortality Taskforce Mapping and Monitoring Workgroup  
Coordinating Estimates of Mortality

Attendees:

Chris Fischer  
Glenn Barley  
Chris Anthony  
Mark Rosenberg  
Matthew Bokach  
Adam Ellis

Agenda:

- Coordinating Estimates of Mortality and tree removals for TMTF

Outcomes:

- Taskforce Leader Glenn Barley would like the Mapping and Monitoring Workgroup to be the purveyor of official estimates for the Taskforce.
  - These include estimates of Dead trees, acres of mortality, biomass (BDT) of dead trees. Biomass estimates will be coordinated with the Biomass workgroup.
  - USFS ADS data will be the source of these estimates unless otherwise directed
  - USFS will work with CAL FIRE to develop the appropriate mortality data layer as it applies to the TMTF proclamation.
  - CAL FIRE and USFS will develop a simple reporting template to address new mortality identified by the most recent flight, cumulative total for the current year and cumulative total for all years (need to decide starting point and, at some later date an ending point for this reporting)
  - Mapping and monitoring group will work with the Biomass Utilization group to estimate BDT of dead trees. If the Biomass group can produce a 'tree biomass density map' and the needed assumptions, mapping and monitoring group can provide the updated Tree mortality layer so they can develop the estimate.
- These also include dead trees removed by various entities (understanding that it may not be a complete accounting of tree removal activities)
  - The Mapping and Monitoring Workgroup for the TF will coordinate tracking of tree removal activities to provide as complete a picture while avoiding double counting.
  - We would like to track both who removed the trees (PG&E, CALTRANS, USFS) and the general ownership group the trees belong to (USFS, Private, Local Govt).
  - There is some desire to be able to capture the type of infrastructure protected for projects in HHZ tier 1. We need to discuss how this would be done. It was agreed that in



some cases acres are the reporting metric, but in other cases the appropriate metric may be miles of road, number of houses protected etc.

- Mapping and Monitoring group has made arrangements to get project data from CALTRANS and PGE and can supply that information to TF participants.

### Action Items

- Matthew Bokach and Adam Ellis will create and circulate draft concept for compiling the numbers and reporting to the TF.
- Matthew Bokach to set up a meeting with CAL FIRE to establish roles and responsibilities for the provisioning of data needed to generate official estimates (i.e. who will do the filter on ADS surveys to address TF items, who will supply the initial estimate of dead trees, acres etc., how will the reports from individual flights present the estimates (i.e. all dead trees in the flight, all drought/bark beetle related dead trees, cumulative number of dead trees for the year, etc.).
- Mark Rosenberg will set up a meeting to discuss tracking of tree removal projects, and coordination of these estimates to the TF. Coordination is needed to capture information from the many agencies and private land owners removing dead trees.