
RISK MODELING ADVISORY WORKGROUP

Meeting Minutes – Monday, October 17, 2022, 1:00 PM – 3:00 PM

Posted 11/7/2022



Video Link to meeting: <https://youtu.be/NLml6tc1-rM>

Committee Members Present

Jim McDougald, Staff Chief, Office of the State Fire Marshal
Carlos Camarena, Emergency Services
Esteban Mendoza, The Insurance Commissioner
Michael Maguire, on behalf of Neil Matouka, State Planning and Research
Paul Glushku, Housing and Community Development
Max Moritz and Nancy Watkins, Milliman
Dave Winnacker and Robert Marshall Fire California Fire Chiefs Association and the Fire Districts Association of California
Anthony Powers, California Professional Firefighters
Yana Valachovic California Fire Science Consortium Association
Dore Bietz and Terry Woodrow, local government
Melissa Semcer, Office of Energy Infrastructure Safety
Nick Cammarota, California Building Industry

Committee Members Not Present

Joe Irvin, Local Government

CAL FIRE – Office of the State Fire Marshal

Dave Sapsis, Supervisory Senior Environmental Scientist
Justin Johnson, Research Program Specialist I (Economics)
Richard Brechbuehl, Assistant Chief
Celeste Jovanovic, Associate Governmental Program Analyst

1. CALL TO ORDER

Jim McDougald

- A. Welcome
 - i. Meeting called to order at 1:06PM
- B. Roll Call/Quorum Established
 - i. Celeste Jovanovic took role call, Joe Irvin was the only member of the workgroup missing.
- C. Agenda Review (**Motion Required/Adoption**)

Motion:	Y. Valachovic moved to accept the meeting agenda; R. Marshall seconded the motion.
Action:	All members voted to unanimously approve the motion.

- D. Approval of Past Meeting Minutes (**Motion Required**)

Motion:	R. Marshall moved to accept the meeting minutes; T. Woodrow seconded the motion.
Action:	All members voted to unanimously approve the motion.

2. OLD BUSINESS

Dave Winnacker

A. Overview of 9/19/22 Meeting

- i. Going over the risk factor categories, as this was discussed in the 9/19/22 meeting, but topics were not flushed out. This will lead into new business section.
- ii. Modeling is associated with mitigations.

3. NEW BUSINESS

Dave Winnacker

A. Risk Factor Breakout

- i. Parcel
 1. SSD and structure (SSD: using a greater than 100 feet) structure defined as roof and wall
 - a. Number of structures on a parcel, single-family, multi-family property
 2. Defensible space and at what level does this play a role in mitigation
 - ii. Neighborhood/Community, 10 to 100 structures to define a neighborhood
 1. Intermix – vegetation (greater than 100 feet) (undeveloped and wildland area around a community)
 2. Interface – structure (less than 100 feet)
 - a. Space between parcel, parcel size
 3. Access in and out, evacuations
 - iii. Spere of Influence is defined as about ½ mile outside the community bounds.
 1. Ground component
 2. Ember cast
 - iv. Environmental – protection to:
 1. Special Status Species
 2. Air quality
 3. Water/Soil quality
 - v. The list above can create limitations to how the workgroup is going to be able to mitigate.
- B. Weight or prioritize the sections above, and are any missing?
- C. Types of fire behavior discussion: exclude anything on the extreme end.
- D. Goal: Standardized risk that can be placed in the paper.
- E. Part one of breakout groups
- i. Identify all risk factors in the various categories above and adding more categories if not identified above.
- F. Part two of the breakout groups
- i. Assume low cost, high impact, mitigations first IOT achieve reductions in risk
 1. Rank them, as each group feels what are the highest priority / what is the lowest priority
 - ii. Modeling of risk provides a lens through which to view mitigations
 - iii. Breakout rooms started at 1:50PM
 - iv. Meeting resumed together at 2:50PM
- G. Request to bring in some additional modelers

4. ROUNDTABLE

Jim McDougald

When do we want the research to start on the writing the paper, probably December? Below are some ideas of framework.

1. Understanding the risk factors
2. Mitigations that matter that affect those risk factors
3. What can modelers take in?
4. What are the obstacles?

5. PUBLIC COMMENT

None.

6. UPCOMING MEETING DATES FOR 2022

Third Monday of each month starting at 1 PM and ending at 3 PM.
Next meeting is November 21, 2022

7. MEETING ADJOURNMENT (Motion Required)

Jim McDougald

Motion:	Y. Valachovic moved to accept the Meeting Adjournment; R. Marshall seconded the motion.
Action:	All members voted to unanimously approve the motion.

Meeting ended at 3:01PM