

# SYMPOSIUM PROGRAM

## LIVING WITH FIRE IN CALIFORNIA’S COAST RANGES

Promoting Fire-Resilient Communities and Landscapes in an Era of Global Change



PHOTO CREDITS FROM LEFT TO RIGHT 1. COFFEE PARK, TUBBS FIRE - JOHN BURGESS 2. NUNS FIRE - KENT PORTER 3. POCKET FIRE - KENT PORTER

MONDAY MAY 7

### Setting the stage: Fire ecology and fire history of the Central and North Coast Ranges

08:30-08:50	1. Welcome, introduction, Sonoma State University welcome and agenda	Hugh Safford, US Forest Service Pacific SW Region, Lenya Quinn-Davidson, UC-Cooperative Extension, and Lisa Vollendorf, SSU Provost
08:50-09:10	2. Fire ecology basics: a primer for northern California communities	Lenya Quinn-Davidson, UC-Cooperative Extension
09:10-09:45	3. Fire ecology of the central and north Coast Ranges of California	Scott Stephens, UC-Berkeley
09:45-10:15	4. Modern era fire history in the Central Coast Region: What the past can tell us about the future	Marshall Turbeville, CAL FIRE, Sonoma-Lake-Napa Unit
10:15-10:35	Discussion	
<b>10:35-10:55</b>	<b>Break (coffee and tea provided)</b>	

### Understanding the Wine Country Fires

10:55-11:40	5. Fall 2017 Sonoma Fires: An operational perspective on emergency response, tactics, and the modern Urban-Interface fire problem	Greg Bertelli, CAL FIRE, Sonoma-Lake-Napa Unit
11:40-12:10	Discussion	



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12:10-13:40	Lunch (Provided)	
<b>Understanding the Wine Country Fires (cont)</b>		
13:40-14:10	6. Meteorology and weather associated with extreme wildfire in Coastal California	Craig Clements, San Jose State University
14:10-14:40	7. Nexus between climate, weather and ignition sources: Regional patterns in California	Jon Keeley, US Geological Survey
14:40-15:00	Discussion	
15:00-15:20	Break	
<b>Fire and humans</b>		
15:20-15:50	8. Native management of the land: Renegotiating our understanding of fire	Chuck Striplen, California Waterboard
15:50-16:10	9. What to do about smoke? Air quality and effects of wildfires on human health	Lee Tarnay, US Forest Service
16:10-16:40	10. Estimating the impacts of fire on ecosystem services	Emma Underwood, UC-Davis & Univ Southampton, UK
16:40-17:10	Discussion	
17:10-17:30	Wrapup and notes for following day	Hugh Safford, US Forest Service Pacific SW Region



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## TUESDAY MAY 8

What does the future hold?		
08:30-08:40	11. Introduction, Agenda, summary of Monday	Hugh Safford, US Forest Service Pacific SW Region
08:40-09:10	12. Woodlands and wildlands in a changing climate	David Ackerly, UC-Berkeley
09:10-09:35	13. Wildfire response to climate change in California's Central and North Coast Ranges	Leroy Westerling, UC-Merced
09:35-10:00	14. The role of urban development in changing wildfire patterns and community vulnerability: an historical perspective and future possibilities	Alexandra Syphard, Conservation Biology Institute
10:00-10:30	Discussion	
10:30-10:50	<b>Break (coffee and tea provided)</b>	
The wildland urban interface: fire and your home		
10:50-11:15	15. Engineering fire safety into your home: Structural hardening to reduce ignition potential	Dave Shew, CAL FIRE, Office of the State Fire Marshal
11:15-11:40	16. Defensible Space -- controlling ignition potential in the home ignition zone	Ben Nicholls, CAL FIRE, Sonoma-Lake-Napa Unit
11:40-12:00	17. The role of fire safe councils and Firewise communities	Caerleon Safford, Sonoma FireSafe Council
12:00-12:30	Discussion	
12:30-1:40	<b>Lunch (provided)</b>	
Landuse and community planning		
14:00-14:30	18. Mapping wildland fire threats to people and property: Risk communication for regulators, planners, and the public	Dave Sapsis, CAL FIRE, Fire and Resource Assessment Program
14:30-15:00	19. Public safety in the wildland urban interface	Tom Cova, University of Utah
15:00-15:20	Discussion	



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15:20-15:40	Break	
<b>Landscape management, collaboration, education: learning to live with fire</b>		
15:40-16:05	20. Fuel management strategies to reduce wildfire impacts in California's Coast Ranges	Jeff Kane, Humboldt State University
16:05-16:30	21. Understanding the actual and perceived social dynamics that inform public response to wildfires	Sarah McCaffrey, US Forest Service Northern Research Station and Rocky Mountain Research Station
16:30-17:00	22. Back to the future: Embracing fire as a resource for a resilient future	Lisa Micheli, Pepperwood and Supervisor James Gore, 4th District and Board Chair, Sonoma County
17:00-17:30	Discussion	
17:30-17:45	Wrapup, info regarding field trips, etc.	Hugh US Forest Service Pacific SW Region

*More information and registration at:*

<http://www.cafiresci.org/events-webinars-source/category/livingwithfirecoastranges>



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