

HOSTED BY:  CLIMATE & WILDFIRE INSTITUTE

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# COMMON GROUND: PRESCRIBED FIRE, VINEYARDS, & COMMUNITY RESILIENCE

APRIL 14, 2026  
NAPA, CALIFORNIA



## EVENT PROCEEDINGS

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# ABOUT CWI

## ACCELERATING SOLUTIONS TO THIS ERA'S CLIMATE & WILDFIRE CHALLENGES

The [Climate & Wildfire Institute](#) (CWI) is a nonprofit organization that accelerates solutions to climate and wildfire challenges. We accomplish this by leveraging a consortium of partners, translating their expertise into shared insights and coordinated action. As a convener and catalyst, we operate at the intersections of research, policy, and practice, facilitating collaboration and innovation across sectors to advance climate and wildfire resilience within the Western United States.

## CWI CONVENINGS & CONVENING SERVICES WORKING TOGETHER TOWARDS A FIRE RESILIENT FUTURE

[CWI's Signature Convenings](#) unite fire experts, Tribal leaders, policymakers, researchers, and industry partners to accelerate solutions to today's most urgent wildfire and climate challenges. Rooted in five years of trusted event design, facilitation, and cross-sector collaboration, CWI hosts an annual gathering of 70+ leaders from across California and the West, each event intentionally building on prior convenings to advance shared priorities and actionable outcomes. Beyond this flagship event, CWI offers tailored convening services, supporting partners with end-to-end design, planning, and facilitation for policy roundtables, solution sessions, workshops, and plenaries. We aim to foster alignment, surface opportunities, and help communities move from discussion to coordinated action.

## SPECIAL ACKNOWLEDGEMENTS

Thank you to the following contributors who provided planning and technical logistics, outreach support, and photography services in support of this convening.

- Napa Firewise
- Napa Valley Vintners
- Napa Valley Grapegrowers
- West Coast Smoke Exposure Task Force
- Joshua Mott & Emily Weinzheimer - CAL FIRE Photographers

## 2026 SPONSORS

Thank you to our fiscal sponsors, [CAL FIRE](#), [Napa Valley Vintners](#), and [California Fire Science Consortium](#) for your generous support in making this event possible.



# EXECUTIVE SUMMARY

The Common Ground: Prescribed Fire, Vineyards and Community Resilience event, hosted by the Climate & Wildfire Institute and CAL FIRE on April 14, 2026, in Napa, California brought together vintners, grape growers, prescribed fire practitioners, researchers, local organizations, and public agencies to advance open dialogue around the role of prescribed fire in winegrowing regions. Building on the momentum of the fall webinar, [Prescribed Fire in Winegrower Country: How Much Smoke Is Too Much?](#), the convening focused on how prescribed fire is planned and implemented to reduce catastrophic wildfire risk while minimizing impacts to vineyards and surrounding communities. Participants explored the evolving science of smoke exposure and grape vulnerability, shared lessons from local prescribed burn efforts, and discussed operational challenges and opportunities related to communication, coordination, monitoring, and implementation. Throughout the day, panel discussions and technical spotlights highlighted emerging tools, research, and operational resources that support prescribed fire planning, smoke monitoring, modeling, and community engagement, reinforcing the importance of accessible information-sharing and cross-sector collaboration. A compilation of resources shared during the event is included at the end of this document.

The event reflected the growing recognition that scaling prescribed fire in California will require not only technical and policy advancements, but also strong local relationships and durable coordination structures. Napa's existing collaborative, community-centered network, including local Firewise groups, a newly created prescribed burn association, resource conservation district, and vintner organizations, offers a promising model for reducing fragmentation and strengthening wildfire resilience through shared stewardship and cross-sector coordination.

**Participants underscored the importance of pairing statewide knowledge-sharing with locally tailored engagement, communication, and implementation strategies that reflect the distinct needs of different wine-growing regions.**

Post-event feedback reinforced strong support for continuing this work through ongoing convenings, workshops, field demonstrations, and/or working groups in Napa. Smoke science and smoke taint uncertainty was identified as an area of needed investment in funding and capacity, alongside the need for more localized guidance, clearer communication pathways, actionable decision-support tools, and stronger coordination between agencies and the agricultural community. Participants broadly agreed that this convening represented an important starting point, while also recognizing the need for continued investment in relationship-building, science translation, and locally grounded coordination. A shared theme throughout the proceedings and survey responses was that continued collaboration will be essential to moving from alignment on the need for prescribed fire toward meaningful, scalable implementation in vineyard landscapes across California.

# COMMON GROUND: PRESCRIBED FIRE, VINEYARDS & COMMUNITY RESILIENCE

HOSTED BY:



AGENDA April 14, 2026  
CIA at Copia - Napa, CA

8:00 AM Breakfast & Sign-in

8:45 AM Welcome & Opening Remarks

- Sarah Caldwell, Deputy Director of Collaborative Programs, CWI
- Len Nielson, Staff Chief – Prescribed Fire and Environmental Protection, CAL FIRE
- Dawnine Dyer, Owner, Dyer Vineyard and Dyer Straits Wine Co.

9:00 AM Opening Panel: Statewide Perspectives

- Moderated by: Jonathan Pangburn, Prescribed Fire Coordinator, CAL FIRE
- Len Nielson, Staff Chief – Prescribed Fire and Environmental Protection, CAL FIRE
- Brian Peterson, Fire Ecologist, All Hands Ecology - Fire Forward
- Arran Rumbaugh, Research Chemist, USDA

9:45 AM Wine Industry Panel: Navigating Risk, Resilience, and Innovation

- Moderated by: Noelle Cremers, Director of Environmental and Regulatory Affairs, Wine Institute
- Caleb Mosley, Executive Director, Napa Valley Grapegrowers
- Chris Howell, Wine-Grower/GM, Cain Vineyard & Winery
- Ashley Egelhoff, Winemaker, Honig Vineyard and Winery

10:30 AM Coffee & Networking

11:00 AM Technical Spotlight: Prescribed Fire Near Vineyards

- Marshall Turbeville, Battalion Chief, CAL FIRE
- Alan Viader, Director of Operations & Winemaking, VIADER Vineyards & Winery
- Danielle Ashton, Forest Health and Restoration Project Manager, Napa County RCD

12:00 PM Lunch

1:00 PM Smoke Science: What Matters for Grapes and Wine

- Eric Kett, Compliance Division Supervisor, Air Pollution Control District, Santa Barbara County
- Joe Plaughter, Prescribed Fire Program Manager, Sonoma Land Trust

1:40 PM Fire & Smoke Modeling: What the Tools Can (and Can't) Do

- Melissa Floca, Director of Strategic Partnerships, San Diego Supercomputer Center
- Sara Brambilla, Scientist, Los Alamos National Laboratory

2:20 PM Coffee & Networking

2:40 PM Closing Discussion: Reflections & Pathways Forward

- Moderated by: Ryan Isham, Deputy Chief of Community Risk Reduction, CAL FIRE LNU
- Rex Stults, Vice President of Industry Relations, Napa Valley Vintners
- Joe Nordlinger, CEO, Napa Firewise

3:10 PM Closing Remarks

- Chief Matt Ryan, Napa County Fire Chief, CAL FIRE Sonoma-Lake-Napa Unit (LNU)

3:30 PM No-host Happy Hour at Fieldwork Brewery

SPONSORED BY:



napa valley vintners

# SUMMARY OF PROCEEDINGS

## OPENING REMARKS

Opening remarks from representatives of the Climate & Wildfire Institute, CAL FIRE, and Napa Valley Vintners and Dyer Vineyards welcomed participants and framed the convening as an opportunity to strengthen collaboration between the fire management and wine industry communities. Speakers emphasized the growing alignment around the need for prescribed fire in California while recognizing legitimate concerns surrounding smoke exposure, economic impacts, and public perception. Remarks highlighted the importance of relationship-building, practical information-sharing, and place-based coordination in Napa and Sonoma counties, setting the tone for a day focused on dialogue, transparency, and shared problem-solving.

Speakers included:

Sarah Caldwell, Deputy Director of Collaborative Programs, CWI

Len Nielson, Staff Chief – Prescribed Fire and Environmental Protection, CAL FIRE

Dawnine Dyer, Owner, Dyer Vineyard and Dyer Straits Wine Co.



# SUMMARY OF PROCEEDINGS

## OPENING PANEL: STATEWIDE PERSPECTIVES

The opening panel provided a statewide overview of California's current prescribed fire landscape, framing the discussion around the “state of the practice,” “state of the policy,” and “state of the science.” Panelists reflected on the significant progress made in expanding beneficial fire implementation, evolving policy and liability frameworks, and growing public acceptance of prescribed fire, while acknowledging that the current pace and scale still fall short of landscape needs. The discussion also emphasized the emerging science around smoke exposure and grape impacts, highlighting ongoing uncertainty around smoke taint thresholds, timing, and the importance of smoke monitoring and communication systems, highlighting the need for continued investment in research, coordination, and public outreach.

Moderated by: Jonathan Pangburn, Prescribed Fire Coordinator, CAL FIRE  
Len Nielson, Staff Chief – Prescribed Fire and Environmental Protection, CAL FIRE  
Brian Peterson, Fire Ecologist, All Hands Ecology – Fire Forward  
Arran Rumbaugh, Research Chemist, USDA

## Key Takeaways

- California has made significant progress in expanding prescribed fire through evolving policy, liability protections, and increased implementation efforts, but current pace and scale still fall short of landscape needs.
- Smoke taint science remains uncertain and highly variable, reinforcing the need for continued research, smoke monitoring, and improved understanding of vineyard- and grape-specific impacts.
- Transparent communication, public outreach, and cross-sector coordination at local and regional scales are essential to building the social license and institutional capacity needed to scale beneficial fire safely and effectively with minimal impacts to sensitive lands and communities.



# SUMMARY OF PROCEEDINGS

## WINE INDUSTRY PANEL: NAVIGATING RISK, RESILIENCE, & INNOVATION

The wine industry panel explored the realities of managing smoke exposure risk in an increasingly fire-prone landscape while balancing support for expanded prescribed fire. Vineyard and winery representatives reflected on the economic impacts of wildfire and smoke taint over the past two decades, emphasizing that while the wine industry broadly supports beneficial fire, uncertainty around smoke impacts remains a significant concern. Panelists discussed the evolving state of smoke taint research, the challenges of slow laboratory analysis, and the need for more rapid, actionable tools to support vineyard decision-making in real time. The conversation also highlighted the importance of communication and localized coordination, with participants emphasizing that prescribed fire planning near vineyards must account for seasonal timing, varietal differences, and neighborhood-scale conditions. Across the discussion, speakers reinforced that adaptation will require both technological innovation and stronger cross-sector collaboration.

Moderated by: Noelle Cremers, Director of Environmental and Regulatory Affairs,  
Wine Institute

Caleb Mosley, Executive Director, Napa Valley Grapegrowers

Chris Howell, Wine-Grower/GM, Cain Vineyard & Winery

Ashley Egelhoff, Winemaker, Honig Vineyard and Winery

## Key Takeaways

- Research continues to evolve, with emerging findings suggesting grapes may be vulnerable to smoke impacts earlier in the growing season than previously understood.
- Participants emphasized the need for faster smoke impact testing, real-time monitoring tools, and shared vineyard data libraries to improve decision-making.
- Localized communication and neighborhood-scale coordination were identified as critical for improving prescribed fire planning and notifications near vineyards.



# SUMMARY OF PROCEEDINGS

## TECHNICAL SPOTLIGHT: PRESCRIBED FIRE NEAR VINEYARDS

The technical spotlight provided an operational overview of how prescribed fire projects are planned, coordinated, and implemented near vineyards, highlighting both agency-led and community-based approaches. Marshall Turbeville discussed the complexity and flexibility involved in developing CAL FIRE burn prescriptions, including weather, fuel conditions, smoke management, permitting, and community notification. Speakers Danielle and Alan, representing Napa Prescribed Burn Association (PBA), highlighted how local volunteer-led models are expanding prescribed fire capacity through training, equipment sharing, and collaborative implementation. Alan offered a unique perspective at the intersection of the wine industry and fire stewardship, reflecting on both the need to expand beneficial fire and the firsthand impacts wildfire has had on family vineyards and surrounding landscapes. The session reinforced that prescribed fire success depends not only on technical planning, but also on trusted local relationships and ongoing engagement with landowners.

Marshall Turbeville, Battalion Chief, CAL FIRE

Alan Viader, Director of Operations & Winemaking, VIADER Vineyards & Winery

Danielle Ashton, Forest Health and Restoration Project Manager, Napa County RCD

## Key Takeaways

- CAL FIRE is expanding year-round staffing and support for prescribed fire implementation to increase operational flexibility and scale.
- The Napa Prescribed Burn Association has emerged as a key local capacity-building model, with nearly 200 trained volunteers supporting burns, training, and outreach.
- Community-based prescribed fire models help normalize beneficial fire and reduce reliance on limited agency resources alone.



# SUMMARY OF PROCEEDINGS

## SMOKE SCIENCE: WHAT MATTERS FOR GRAPES AND WINE

The smoke science session blended statewide air district operations with locally grounded smoke science case studies and risk considerations. Ann Hobbs and Eric Kett outlined California’s robust smoke management systems, including monitoring networks, burn-day classifications, public notification protocols, and coordination processes designed to support prescribed fire while minimizing community smoke impacts, and highlighted key public-facing tools and resources available to practitioners and residents. Joe Plaughter then shared Sonoma Land Trust case studies examining smoke exposure and grape impacts under various fire conditions, demonstrating how factors such as timing, weather, fuel conditions, and smoke dispersion influence risk. The session introduced a seasonal risk matrix for prescribed fire near vineyards, reinforcing that smoke exposure occurs along a gradient and that the details of weather, timing, and landscape conditions matter significantly. Joe emphasized that marginal burning conditions increase the risk of smoke taint, while prescribed fire conducted under typical burn conditions generally presents a relatively low risk.

Joe Plaughter, Prescribed Fire Program Manager, Sonoma Land Trust  
Eric Kett, Compliance Division Supervisor, Air Pollution Control District,  
Santa Barbara County  
Ann Hobbs, Associate Planner, Placer County Air Pollution Control District

## Key Takeaways

- California’s smoke management system is highly developed, with air districts using multiple monitoring technologies, public notifications, and burn-day classifications to manage smoke impacts.
- Smoke exposure risk to vineyards occurs along a gradient and depends heavily on timing, weather, fuel conditions, smoke concentration, and landscape context.
- Sonoma Land Trust case studies suggested that prescribed fire conducted under favorable conditions and outside peak vulnerability windows generally presents lower smoke taint risk than uncontrolled wildfire.



# SUMMARY OF PROCEEDINGS

## FIRE & SMOKE MODELING: WHAT THE TOOLS CAN (AND CANT) DO

The fire and smoke modeling session explored emerging technologies that support prescribed fire planning, implementation, and smoke forecasting. Researchers demonstrated advanced simulation platforms capable of modeling fuels, ignition strategies, fire spread, smoke behavior, and weather interactions in near real time. Presenters highlighted how tools such as BurnPro3D and QUIC-Fire can help practitioners evaluate prescribed fire scenarios, improve planning workflows, and better understand smoke dispersion patterns across complex landscapes. At the same time, speakers acknowledged that these technologies are still evolving and that their practical value ultimately depends on usability, user validation, and integration into operational decision-making.

Melissa Floca, Director of Strategic Partnerships, San Diego Supercomputer Center  
Leticia Lee, Researcher, San Diego Supercomputer Center  
Sara Brambilla, Scientist, Los Alamos National Laboratory

## Key Takeaways

- Modeling technologies are increasingly incorporating real-world data, including fuel moisture, canopy structure, wind patterns, and terrain conditions.
- Ground-truthing efforts demonstrated encouraging alignment between modeled outcomes and observed prescribed fire behavior.
- Speakers emphasized that while modeling tools are promising, continued input from practitioners and local communities (like Napa grapegrowers) will be critical to ensuring these tools meet real-world planning and operational needs.



# SUMMARY OF PROCEEDINGS

## CLOSING DISCUSSION: REFLECTIONS & PATHWAYS FORWARD

The closing discussion highlighted the importance of reducing fragmentation and strengthening long-term coordination among fire practitioners, vintners, Firewise groups, prescribed burn associations, and local agencies. Speakers emphasized that one of the most valuable outcomes of the convening was the opportunity for different sectors to better understand each other's perspectives and operational realities, from the wine industry's economic vulnerability to smoke impacts, to the practical challenges of scaling prescribed fire safely and effectively. Participants highlighted Napa County as an emerging model for collaboration, noting growing coordination among CAL FIRE, Napa Firewise, Napa County Fire, Napa PBA, Napa RCD, and local vintner organizations on communication, training, and prescribed fire implementation. The discussion also emphasized the need to normalize prescribed fire culturally, improve communication with the agricultural community, expand research and data collection on smoke impacts, and explore durable local funding mechanisms to support resilience efforts at scale, including the possibility of replicating Napa's collaborative model in neighboring counties and across California.

Moderated by: Rex Stults, Vice President of Industry Relations, Napa Valley Vintners  
Ryan Isham, Deputy Chief of Community Risk Reduction, CAL FIRE LNU  
Joe Nordlinger, CEO, Napa Firewise

## Key Takeaways

- Cultural acceptance of prescribed fire continues to grow, with participants discussing opportunities to normalize and even celebrate "Rx fire season."
- Additional investment in smoke impact research, data collection, and communication systems was identified as a key priority moving forward.
- Durable local funding mechanisms will be critical to scaling resilience and prescribed fire efforts across the region.



# SUMMARY OF PROCEEDINGS

## CLOSING REMARKS

Closing reflections by Chief Matt Ryan reinforced the strong sense of shared purpose that emerged throughout the convening. Speakers noted that while scientific uncertainty and operational challenges remain, participants demonstrated a clear willingness to work across sectors to improve communication, coordination, and prescribed fire implementation in vineyard landscapes. The day concluded with recognition that continued convening, applied research, and local partnership-building will be essential to advancing resilient communities and landscapes throughout Napa, Sonoma, and other fire-prone regions of California.

Chief Matt Ryan, Napa County Fire Chief, CAL FIRE Sonoma-Lake-Napa Unit (LNU)



# SUMMARY OF PROCEEDINGS

## PARTICIPATING ORGANIZATIONS

All Hands Ecology - Fire Forward  
Baldacci Family Vineyards  
Bay Area Air District  
Cain Vineyard & Winery  
California Air Resources Board (CARB)  
California Department of Forestry and Fire Protection (CAL FIRE)  
California State Parks  
CAPCOA  
Clarity Movement Co.  
Climate & Wildfire Institute  
Constellation Brands  
DYER Vineyard  
EPIC Insurance Brokers and Consultants  
Farella Vineyards  
Fire Safe Sonoma  
Honig Vineyard & Winery  
Jencap Group  
Jones Family  
Land Trust of Napa County  
Long Meadow Ranch  
Los Alamos National Laboratory  
Napa Communities Firewise Foundation  
Napa County Board of Supervisors  
Bailey Vegetation Management  
Napa Prescribed Burn Association  
Napa Resource Conservation District (RCD)  
Napa Valley Grapegrowers  
Napa Valley Vintners  
Opus One Winery  
Pepperwood preserve  
Pina Vineyard Management  
Placer County Air Pollution District  
Santa Barbara County Air Pollution District  
Schramsberg Vineyards  
Seavey Vineyard  
Shute, Mihaly & Weinberger LLP  
Silver Oak  
Sonoma Ag + Open Space  
Sonoma County Regional Parks  
Sonoma Land Trust  
Sonoma Resource Conservation District  
UC Cooperative Extension  
UC San Diego Supercomputer Center  
USDA-ARS  
VIADER Vineyards & Winery  
Wildland Resource Management (WRM)  
Wildlife Conservation Board  
Wine Institute

# PROPOSED NEXT STEPS

A consistent thread throughout the convening, and reinforced by post-event survey responses, was that there is growing alignment on the need to expand prescribed fire in vineyard landscapes, but meaningful barriers remain due to scientific uncertainty, fragmented communication, and the lack of place-based operational guidance. Participants emphasized that this event represented an important starting point for deeper collaboration between the fire management, research, air quality, and wine industry communities.

The following proposed next steps synthesize themes raised throughout the day alongside participant survey feedback, reflecting opportunities to continue building relationships, improve information-sharing, advance smoke science, and support practical implementation pathways for prescribed fire near vineyards in Napa and other regions across the state.

## **1. Establish Ongoing Local Coordination & Communication Pathways**

Support continued coordination between CAL FIRE, local fire agencies, prescribed burn associations, vintner organizations, Firewise groups, researchers, and air districts to improve communication around prescribed fire planning, notifications, smoke monitoring, and operational decision-making. Consider making this an annual event.

### **Potential Leadership & Partners**

- CAL FIRE (LNU Unit): convene recurring coordination calls or RX fire and wine industry working groups tied to planned prescribed fire activity and grape growing seasons
- Napa Firewise: serve as a community connectivity and information-sharing hub; establish a centralized communication channel
- Napa Valley Vintners and Napa Valley Grapegrowers: distribute notifications, resources, and educational materials through member networks
- Napa County Fire and local PBAs: support localized outreach and neighborhood coordination efforts

# PROPOSED NEXT STEPS

## 2. Expand Smoke Science Research, Translation & Data Sharing

Continue advancing research related to smoke exposure, grape vulnerability, and smoke taint thresholds while improving the accessibility and translation of emerging science for practitioners and growers. Consider a 'Science & Practice Showcase' style event.

### Potential Leadership & Partners

- University of California, Davis, and research partners: continue smoke exposure and grape impact studies; develop real-time decision tools for grape growers
- CAL FIRE: explore funding pathways and applied research partnerships
- Sonoma Land Trust, Napa RCD, and participating vineyards: support field monitoring, vineyard sampling, and case study development; build shared data library
- Climate & Wildfire Institute: support synthesis and cross-sector and cross-region information-sharing

## 3. Develop More Applied & Interactive Engagement Opportunities

Build on the momentum of this convening through future workshops, working groups, field demonstrations, and site visits focused on prescribed fire implementation near vineyards.

### Potential Leadership & Partners

- CAL FIRE, Napa PBA, and Napa RCD: organize field-based learning opportunities and implementation-focused sessions
- Local Associations & Industry Groups (e.g., NVV, NVG, Napa Firewise, etc.): host member education sessions and facilitate industry participation
- Researchers and air districts: contribute applied demonstrations and technical resources; develop real-time decision tools for growers

# PROPOSED NEXT STEPS

## 4. Strengthen Regional & Cross-Sector Collaboration Models

Continue developing Napa County's collaborative approach as a locally grounded model while expanding dialogue to additional wine-growing and fire-prone regions across California and the broader western U.S.

### Potential Leadership & Partners

- CAL FIRE and local units: support replication of collaboration models in neighboring counties
- West Coast Smoke Exposure Task Force: support broader regional dialogue and science exchange
- Tribal practitioners, federal agencies, local PBAs, and wine industry organizations: broaden representation and regional applicability
- Climate & Wildfire Institute: coordinate regional events and opportunities for shared learning and public engagement

## 5. Support Long-Term Capacity & Funding

Advance efforts to secure sustained funding, workforce capacity, training, and implementation support for prescribed fire, smoke monitoring, and resilience planning.

### Potential Leadership & Partners

- CAL FIRE: continue expanding awareness of available state funding pathways, technical assistance opportunities, workforce development programs, and prescribed fire implementation support
- Napa Firewise, Napa RCD/PBA, local governments, and community organizations: explore durable local funding mechanisms and pursue block grants or regional resilience funding strategies that support long-term implementation capacity
- Napa Valley Vintners, Napa Valley Grapegrowers, and industry partners: support advocacy efforts related to smoke science, resilience investments, and cross-sector funding partnerships

# RESOURCES & TOOLS

The following tools, organizations, and resources were referenced throughout panel discussions and technical presentations as examples of operational support, monitoring, planning, communication, and research capacity related to prescribed fire and vineyard resilience.

Prescribed Fire Planning & Coordination		
Resource	Organization	Purpose/Use
Prescribed Fire Information Reporting System: <a href="https://ssl.arb.ca.gov/pfirs/">https://ssl.arb.ca.gov/pfirs/</a>	California Air Resources Board	PFIRS ("P-furs") serves as an interface between air quality managers, land management agencies, and individuals who conduct prescribed burning in California.
Prescribed Fire Claims Fund Dashboard: <a href="https://experience.arcgis.com/experience/84e096e452b545baa75450e3401b2616/page/FY-25-26-Dashboard?draft=true">https://experience.arcgis.com/experience/84e096e452b545baa75450e3401b2616/page/FY-25-26-Dashboard?draft=true</a>	CAL FIRE	This claims fund is intended to both encourage greater beneficial fire use and demonstrate that prescribed and cultural burning are low risk, which may entice private insurers back into the market.
CalMAPPER public viewer: <a href="https://gis.data.cnra.ca.gov/apps/CALFIRE-Forestry::cal-fire-fuels-reduction-projects-main-application/explore">https://gis.data.cnra.ca.gov/apps/CALFIRE-Forestry::cal-fire-fuels-reduction-projects-main-application/explore</a>	CAL FIRE	A public viewer of CAL FIRE Fuels Reduction Projects.
Wildfire and Forest Resilience Task Force Interagency Treatment Dashboard: <a href="https://wildfiretaskforce.org/treatment-dashboard/">https://wildfiretaskforce.org/treatment-dashboard/</a>	CA Wildfire & Forest Resilience Task Force	The Dashboard displays the location and size of federal and state wildfire and landscape resilience treatments throughout the state. By charting the work accomplished to date, the Dashboard can guide practitioners in planning new projects.
California's Prescribed Burn Associations: <a href="https://calpba.org/connect-ca-pba">https://calpba.org/connect-ca-pba</a>	CAL PBA Tracker	Prescribed Burn Associations (PBAs) are community based, mutual aid networks that help private landowners and community members put "good fire" back on the land. The Cal PBA website provides contact information for PBAs across the state and useful prescribed fire resources.

# RESOURCES & TOOLS

Smoke Monitoring & Air Quality		
Resource	Organization	Purpose/Use
Local Air District contacts: <a href="https://ww2.arb.ca.gov/california-air-districts">https://ww2.arb.ca.gov/california-air-districts</a>	California Air Resources Board	California's 35 local Air Districts are responsible for regional air quality planning, monitoring, and stationary source and facility permitting.
California Smoke Spotter: <a href="https://ww2.arb.ca.gov/resources/factsheets/california-smoke-spotter">https://ww2.arb.ca.gov/resources/factsheets/california-smoke-spotter</a>	California Air Resources Board	Prescribed fire and smoke impacts remain the primary focus of the app; it was expanded to include wildfire information in 2022.
Fire and Smoke Map 4.2: <a href="https://fire.airnow.gov/#6/41/-98">https://fire.airnow.gov/#6/41/-98</a>	EPA and US Forest Service	This map shows observed air quality conditions based on fine-scale particulate (PM2.5) concentrations, as well as fire locations from incidents and satellite detections, and smoke plumes detected by satellites.
Purple Air Sensors: <a href="https://www2.purpleair.com/">https://www2.purpleair.com/</a> Clarity Sensors: <a href="https://www.clarity.io/">https://www.clarity.io/</a> Watch Duty: <a href="https://app.watchduty.org/">https://app.watchduty.org/</a> Webcameras: <a href="https://alertwildfire.org/">https://alertwildfire.org/</a> Webcameras: <a href="https://ops.alertcalifornia.org/">https://ops.alertcalifornia.org/</a>	California Air District Presentation	Air Quality and Smoke Resources

# RESOURCES & TOOLS

Smoke Science & Research		
Resource	Organization	Purpose/Use
Smoke Science & Smoke Taint Podcast: <a href="https://www.vineyardteam.org/podcast/?id=1165">https://www.vineyardteam.org/podcast/?id=1165</a>	Vineyard Team	Wildfire smoke and wine chemistry informational podcast.
<a href="https://www.napagrowers.org/smoke-exposure.html#gsc.tab=0">https://www.napagrowers.org/smoke-exposure.html#gsc.tab=0</a>  Best Practices for Smoke Exposure Testing: <a href="https://www.youtube.com/watch?v=loZ5cxPijsg">https://www.youtube.com/watch?v=loZ5cxPijsg</a>	Napa Valley Grapegrowers	Smoke Exposure Resources
<a href="https://www.wcsetf.org/research/">https://www.wcsetf.org/research/</a>	West Coast Smoke Exposure Task Force	West Coast Smoke Exposure Task Force Research
Smoke Exposure Research Roadmap: <a href="https://www.wcsetf.org/research/smoke-exposure-research-roadmap/">https://www.wcsetf.org/research/smoke-exposure-research-roadmap/</a>	West Coast Smoke Exposure Task Force	Dr. Arran Rumbaugh, USDA-ARS in Davis, Calif., developed a formal “roadmap” to summarize workshop outcomes and provide comprehensive information for stakeholders.

# RESOURCES & TOOLS

Fire Modeling & Planning Tools		
Resource	Organization	Purpose/Use
BurnPro3D: <a href="https://burnpro3d.sdsc.edu/index.html">https://burnpro3d.sdsc.edu/index.html</a> Register for account: <a href="https://burnpro3d.sdsc.edu/register.html">https://burnpro3d.sdsc.edu/register.html</a> 4D Fuels Dashboard: <a href="http://4dfuels.wildfirecommons.org">4dfuels.wildfirecommons.org</a> Points2Pano Viewer: <a href="https://burnpro3d.sdsc.edu/points2pano/?plot=CALNU_0028&amp;ts=20241110,20250808&amp;m=MDBH">https://burnpro3d.sdsc.edu/points2pano/?plot=CALNU_0028&amp;ts=20241110,20250808&amp;m=MDBH</a>	UC San Diego  Ilkay Altintas: <a href="mailto:ialtintas@ucsd.edu">ialtintas@ucsd.edu</a>  Melissa Floca: <a href="mailto:mfloca@ucsd.edu">mfloca@ucsd.edu</a>  Leticia Lee: <a href="mailto:lxlee@ucsd.edu">lxlee@ucsd.edu</a>	Explore emerging modeling platforms and case studies around burn planning and 3D fuel modeling.
QUIC-SMOKE	Los Alamos National Laboratory (LANL) Sara Brambilla: <a href="mailto:sbrambilla@lanl.gov">sbrambilla@lanl.gov</a>	Smoke modeling for prescribed fire applications

Funding & Technical Assistance Resources		
Resource	Organization	Purpose/Use
CAL FIRE contacts: <a href="https://www.fire.ca.gov/about/resources/cal-fire-contacts">https://www.fire.ca.gov/about/resources/cal-fire-contacts</a>	CAL FIRE	Lists all CAL FIRE contacts and departments across the state.

# RESOURCES & TOOLS

Community Resilience & Implementation		
Resource	Organization	Purpose/Use
<p>Enhanced Resiliency Sites:  <a href="https://napafirewise.org/napa-firewise-launches-50m-valley-stewards-initiative-with-2-5m-in-founding-support/">https://napafirewise.org/napa-firewise-launches-50m-valley-stewards-initiative-with-2-5m-in-founding-support/</a></p>	Napa Firewise	Napa Firewise officially launched the Valley Stewards Initiative in August 2025, a visionary wildfire resilience program created in partnership with CAL FIRE.
<p>Napa PBA Email sign up:  <a href="https://docs.google.com/forms/d/e/1FAIpQLSc4VDvAjgBfDx8m8WY9RUNzLHoBH718qDjuhZZR-cGkU9mccg/viewform">https://docs.google.com/forms/d/e/1FAIpQLSc4VDvAjgBfDx8m8WY9RUNzLHoBH718qDjuhZZR-cGkU9mccg/viewform</a></p> <p>Napa PBA webpage:  <a href="https://ucanr.edu/county/ucce-sonoma-county/napa-prescribed-burn-association">https://ucanr.edu/county/ucce-sonoma-county/napa-prescribed-burn-association</a></p>	<p>Danielle Ashton:  <a href="mailto:danielle@naparcd.org">danielle@naparcd.org</a>   707-690-3125                      Alan Viader:  <a href="mailto:Alan@viader.com">Alan@viader.com</a>   <a href="http://www.VIADER.com">www.VIADER.com</a>   707.200.6203</p>	Napa Prescribed Burn Association Links
<p><a href="https://napavintners.com/">https://napavintners.com/</a></p>	Napa Valley Vintners	The Napa Valley Vintners nonprofit trade association with a mission to promote, protect and enhance the Napa Valley wine region.

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COMMON GROUND: PRESCRIBED FIRE, VINEYARDS, & COMMUNITY RESILIENCE

APRIL 14, 2026

NAPA, CALIFORNIA

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