A Humboldt County Fire Safe Council (HCFSC) meeting was held on February 27, 2020 at the Humboldt Bay Fire Public Safety Training Classroom, 3030 L Street, Eureka, CA. The HCFSC was appointed by the Humboldt County Board of Supervisors (BOS) to guide maintenance and implementation of the Humboldt County Community Wildfire Protection Plan (CWPP).

Fire Safe Council Members/Appointed Agency Liaisons Attending:
Barbara Darst, Willow Creek Fire Safe Council
Bill Eastwood, Southern Humboldt Fire Safe Council
Chris Ramey, CAL FIRE
David Markin, Six Rivers National Forest
Ian Sigman, Lower Mattole Fire Safe Council and Honeydew Volunteer Fire Company
Kai Ostrow, Briceiland Fire Department and Southern Humboldt Technical Rescue
Lenya Quinn-Davidson, UCCE Fire Advisor
Lon Winburn, Humboldt County Fire Chiefs’ Association, Fortuna Fire Protection District
Lyn Javier, Van Duzen Watershed Fire Safe Council
Manny Mello, George Petersen/Northwest Insurance
Will Harling, Orleans/Somes Bar FSC, Fire Safe Council of Siskiyou County, Mid Klamath Watershed Council

Fire Safe Council Members/Appointed Agency Liaisons Absent:
Ed Laidlaw, Arcata Fire Protection District
Mike Lake, Fruitland Ridge Fire Department, Southern Humboldt Fire Chiefs’ Association
Rod Mendes, Hoopa Office of Emergency Services, Hoopa Fire Department
Ryan Derby, Humboldt County Office of Emergency Services
Tom Mattson, Humboldt County Public Works (non-voting)

Fire Safe Council Alternates Attending:
Ali Freedlund, Lower Mattole FSC and Mattole Restoration Council
Cybelle Immitt, Humboldt County Public Works (non-voting Director Designee)
Jason Butcher, CAL FIRE
Josh Eichamer, Six Rivers National Forest

Public and Agency Representatives Attending:
Allan Wiegman, California State Parks
Cristian Erickson, CAL FIRE
Dan Wooden, Bureau of Land Management
Debra Harris, North Coast Unified Air Quality Management District
Jeana Herbst, Southern Humboldt Fire Safe Council
Jessica Felse, CAL FIRE
John Miller, Humboldt County Planning & Building
Julia Cavalli, Humboldt County Public Works / HCFSC Staff
Liz Harwood, Institute for Sustainable Forestry
Mitch Hunt, Green Diamond Resource Company
Rosalie Carnam, LandVest Inc.
Sacha Marini, Redwood Valley / Chezem Firewise Community
Tim Bailey, Institute for Sustainable Forestry / RCD Watershed Coordinator
TK Williams, Redway Community Services District / Southern Humboldt Fire Safe Council
Tom O’Gormon, Willow Creek Fire Safe Council
HUMBOLDT COUNTY FIRE SAFE COUNCIL

AGENDA ITEM SUMMARIES

1. **Call to Order – Welcome, Introductions, and Agenda Review**

   HCFSC Vice-Chairperson, Barbara Darst called the meeting to order at 10:03.

   Meeting attendees went through introductions.

2. **Approval of the meeting Agenda and Minutes from the previous HCFSC meeting**

   Chris Ramey motioned to approve the November HCFSC meeting minutes. Kai Ostrow seconded the motion. The minutes were unanimously approved.

3. **Public Comments/Announcements/Correspondence**

   - North Coast Resource Partnership (NCRP) Request for Proposals Now Open: The NCRP is seeking responses to three separate RFPs for (1) Forest Advisors (2) Technical Consultants and (3) Concept proposals for demonstration projects.
   - Embracing Fire Event hosted by Institute for Sustainable Forestry (April 25, 2020, Mateel Community Center; second year running): one-day information exchange event about rebuilding wildfire resilience in Humboldt and beyond. Currently looking for sponsors, organizers, content producers; contact Tim Bailey, if interested.
   - Klamath River Prescribed Fire Training Exchange (TREX) (September 28-October 9, 2020)

4. **Consent Items**

   Kai motioned to approved consent items. Barbara seconded the motion. Passed unanimously.

5. **HCFSC Membership**

   - Acknowledge Member At-Large and Vice-Chairperson, Barbara Darst for her service on the HCFSC
     - **Action: Authorize the Chair to sign a certificate of appreciation.**
       - Jason motioned to approve the action as stated. Lon Winburn seconded the motion. Passed unanimously.
   - Discuss HCFSC membership
     - **Action: Support nomination of Tom O’Gorman as Local Fire Safe Council (WCFSC) Member At-Large to replace Barbara Darst.**
       - Chris motioned to approve the action as stated. Kai seconded the motion. Passed unanimously.
     - **Action: Support amending BOS Resolution governing the HCFSC to include Planning & Building as an official member-slot and to support nomination of John Miller, Senior Planner.**
       - Barbara motioned to approve the action as stated. Lon seconded the motion. Passed unanimously.
     - **Action: Make a recommendation in response to self-nomination of Rosalie Carnam and the amendments to the Resolution necessary to accept.**
       - **Discussion:** This nomination triggered discussion of the Board Resolution that governs membership of the HCFSC. The Resolution is set to expire in October 2021. Between now and then, there is opportunity to do a comprehensive evaluation of membership structure and member categorization.
       - Over the years there has been periodic discussion of incorporating special interest groups and private industry but there is currently no mechanism to do so aside from amending the Resolution.
       - Suggestions included forming a non-voting advisory board to the HCFSC. Alternatively, if the Council decided to incorporate more members, a request for letters of interest could be widely distributed to help ensure equal opportunity (rather than accepting nominations on a first-come, first-served basis).
       - There were reservations among certain members about including private industry on the Council due to potential conflicts of interest.
Increasing membership could help foster opportunities for cross-pollination and perspective-sharing. Although, these benefits could be reaped by any regular participant since all meetings are public.

The Council resolved to continue the discussion at a future meeting after all have had a chance to look closely at the existing Resolution. Staff will provide a list of groups that have approached the Council about becoming members (and/or others that should be considered). Staff will also research the structure of other FSCs.

Increased participation from current HCFSC members in the subcommittee tasked with evaluating this issue between regular quarterly meetings was welcomed (the informal committee currently includes Ali, Cybelle, Julia, and Kai)

Chris Ramey motioned to table the recommendation until the August meeting. Ali seconded the motion. Passed unanimously.

- **Action:** Request nominations for Vice-Chairperson to replace outgoing member Barbara Darst
  - Kai motioned for approval of Lon Winburn as nominee for Vice-Chair. Lenya seconded the motion. Passed unanimously. A final vote will be held at the next meeting.

### 6. Humboldt County Community Wildfire Protection Plan (CWPP) Implementation

The Work Groups are organized around each of the six goal areas of the CWPP and are charged with implementing and/or tracking progress of each associated action plan.

**Featured Work Group Presentation: Restoration of Beneficial Fire**

Overview of Prescribed Burns of 2019 and Plans for 2020, presented by Lenya Quinn-Davidson and Kai Ostrow with support from Work Group members

1. Reviewed action plan goal, objective, and relevant priority actions (listed in presentation). This action plan is inclusive of ecosystem restoration and landscape-scale fuels management activities intended to support the return of beneficial fire.
2. HCPBA Update & Accomplishments of 2019: HCPBA, a community cooperative for prescribed fire, is in its second year and is experiencing overwhelming interest and enthusiasm.
3. Two-days of back to back burnings in October were filmed by a crew from the German TV show Terra X.
4. Lancaster burn (Oct 2019, Bridgeville) – its concurrence with the Kincaid Fire is thought to have increased the number of public complaints, which may have been misguided as this burn was relatively low-risk due to early green-up. However, comments from the public did prompt organizers to reevaluate their approach to community outreach. The burn provided training experience for Bridgeville Volunteer Fire Department (VFD) and 20 community members.
5. Eaton Roughs Ranch (Feb 2020, Dinsmore) – Winter burning can be successful with much lower risk as green pasture and wet forest can provide a good fuel break. A total of 60-80 acres were burned.
6. HCPBA model has caught on all over the state, just in the last two years. HCPBA organizers led a recent workshop for PBA leaders from all over the state to help these entities get started and stay coordinated.
7. It is encouraging that CAL FIRE’s perspective on the local and state level is rapidly evolving and support is mounting.
8. Other updates and 2020 plans: The North Coast Unified Air Quality Management District secured a grant to pay for public benefit burn fees, thus the burn permit fees for prescribed burns are now being waived.
9. UCCE secured a grant from CAL FIRE to train VFDs (CA-219 Firing training in high demand, planned for June 2020)
10. Other burns are being planned for the spring
11. HCPBA will participate in the Klamath Fire Symposium/Northern CA Rx Fire Council joint meeting
12. Prescribed Fire for Foresters workshop to be hosted by UCCE, April 28-29
13. Kai Ostrow, Southern Humboldt Liaison¹ update:
   2. Assets: CAL FIRE support, social license, volunteer fire department (VFD) interest, and renaissance of Southern Humboldt Fire Safe Council (SHFSC)
   3. The role of the liaison is to build momentum around prescribed fire and develop relationships with the community and with VFDs that can provide support once trained. Kai has completed numerous site visits and risk assessments that have enabled the PBA to follow up with the most actionable opportunities.
   4. VFD training is pivotal to success of Rx fire in Southern Humboldt. Recent burns described by Lenya have provided valuable opportunities. More formal trainings (i.e. CA-219) are being planned.

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¹ This contract position is supported by a grant awarded to the County of Humboldt by the California Fire Safe Council and will continue through October 2020.
HUMBOLDT COUNTY FIRE SAFE COUNCIL

- Josh Eichamer, USFS update:
  - Actively engaged in prescribed fire throughout the winter
  - Forest-wide hazardous fuels and prescribed fire project in progress (Fuels & Fire Project): working to expand authority under NEPA to entire administrative boundary (currently have project-specific NEPA). Timber sales are not included in this project. First step is identifying fire ecology objectives which will enable USFS to select appropriate fire management strategies. Strategizing will be done in consultation with Tribes and fire practitioners in the region. Objectives will be multi-tiered and will consider 13 vegetation types identified within Six Rivers National Forest.
  - The planning team has reviewed existing conditions and are now considering objectives and the potential impacts on environmental conditions. Planning to present objectives publicly in May.
  - Question: Do objectives include cultural objectives or just wildfire prevention?
    - Cultural values will absolutely be considered. NEPA just gives the authority to put fire on the ground. How fire is used will depend on social license, to an extent. It will be a little different depending on the area since the forest touches five counties and there are various players/values; hopefully, this will also be an asset in enabling a cohesive strategy across jurisdictional boundaries.

- Will Harling, Mid Klamath Watershed Council update:
  - Klamath TREX in 2019: bigger than ever and well documented by the media. Participants were allowed to burn during burn suspension by demonstrating that conditions were ideal for burning in the Mid Klamath, in contrast to other areas under suspension; points to trust and collaboration with regional CAL FIRE and the support/advocacy of local CAL FIRE.
    - Multi-generational burning at TREX, lots of partners, international participants, nature journalers featured in North Coast Journal told the story of TREX through art
    - Increasing use of prescribed fire:
      - Continue with TREX (success in funding, keep building)
      - All Hands All Lands model taking root – idea is being able to take advantage of burn opportunities any time of year because relationships/trust, workforce, environmental compliance are all in place ahead of time; allows for quick mobilization
      - PBA model being exported to neighboring Siskiyou County
      - Family-based Tribal burning increasing; correlated with drastic decrease in arson fires
  - Landscape scale strategic fire planning: developing strategies for managed wildfire by working with communities to help establish boundaries (Potential Operational Wildfire Delineations, or PODs); also informs where to prepare landscapes/do prescribed fire
  - State and Transition Models: academics working to show what forests should/would have looked like if it weren’t for suppression; provides a guide for what we need to do; empirical way to visualize a shared goal

- Kai and Cybelle, Redway project update:
  - SHFSC is planning a community fuelbreak project in Redway. Example of developing a CWPP project to match evolving situation; as the project gains momentum, more partners and landowners are joining in; grant funded fuels reduction will pave the way for prescribed fire maintenance

- Chris Ramey, CAL FIRE update:
  - Slow wildfire and prescribed burn season due to weather.
  - Used heli-torch for the first time near Centerville Beach as part of Vegetation Management Program (VMP) and found it to be very effective; provided an opportunity for heli-torch training
  - Humboldt-Del Norte Unit (HUU) prescribed fire objectives: focusing on increasing prescribed fire through support of PBA, TREX, and private landowners with material resources and advocacy to regional level and air district; increasing black acres through VMP, which allows CAL FIRE to assume all liability and costs; supporting BLM, USFS, and CDFW with resources
  - Shared an example of an escaped burn – required aerial suppression, which enabled rapid containment; an example of doing everything right with all the resources and escapes can still happen. Important lessons were learned
  - HUU burned acres are slowly ramping up (1,257 acres burned in 2019, even more in 2018)

- Dan Wooden, BLM update:
  - $4.3 million CAL FIRE CCI grant for Lacks Creek fuels reduction that includes prescribed fire and builds on existing fuels reduction mitigation for Sudden Oak Death done in collaboration with UCCE; have done an incredible amount of hand-piling and are focused on mechanical reduction that will open up opportunities for burning; NEPA covered 3,000 acres (entire west side)
  - Will be doing studies on chip decay post-mastication
HUMBOLDT COUNTY FIRE SAFE COUNCIL

- Non-grant work in Lacks Creek: roadside thinning and piling along Pine Ridge road; also prairie restoration burning (today)
- Headwaters Forest: Save the Redwoods League partnership – hand piling and mastication; goal is to thin dense stands of trees adjacent to residual old growth
- Gilham Butte – Save the Redwoods League partnership with participation from the Mattole Restoration Council implementing shaded fuel break, hand piling on Stansbury Ranch
- Developing a 2020 King Range Forest Health and Community Protection Proposal; will propose to incorporate into CWPP once ready.
- Red Mountain Road project in development with Tim Bailey and Piercy Fire Department.

- Tim Bailey, Resource Conservation District update:
  - Watershed Research and Training Center Needs Assessment: compelling take on the state of organizations working on forest and fire management and how we can increase pace and scale by increasing their capacity; describes assets and limitations.
  - NCRP RFPs – Nearly $1.8 million available for demonstration projects that Tim can help develop, due March 13. Vehicle to support policy innovation or projects more difficult to sell to traditional grant opportunities.
  - HCRCD worked with Western Rivers Conservancy and Yurok Tribe to secure CCI Forest Health project funding. Funding cycle shortened this round and may open in July 2020. HCRCD has funding to provide technical assistance to next round of applicants.
  - Inclusion of a project in the Humboldt CWPP confers a specific competitive advantage for grant funding.

- Questions
  - Insurance discussion
    - Exception made to burn suspension for Klamath TREX because Humboldt is exceptional, or circumstances were exceptional? Circumstances can be made through the chain of command on a case-by-case basis.
    - The fuels for catastrophic wildfire exist in Humboldt but the weather to dry those fuels is rare; Klamath TREX organizers had to demonstrate this for their planned burn area in tandem with projected weather conditions to CAL FIRE.
    - CAL FIRE Red Book published annually; contains statistics of emissions, structure losses, etc. This provides empirical evidence that the losses in Humboldt aren’t as great as they are other places.
      - This could be used to help insurance agencies understand the frequency of large wildfire is less than other places. Although, weather is projected to become more severe with climate change.
  - Six Rivers Fuels & Fire Project
    - Some concerns over environmental compliance and documentation for project; some groups are advocating for an Environmental Assessment (EA) rather than a Categorical Exemption; How much would the work be delayed if they were required to do an EA?
      - An EA will be produced, and a Decision Notice will be made public.
  - Comment: The air district is tracking acres burned as part of a grant. Approximately 11,000 acres was authorized for burning although that doesn’t necessarily mean burned. It’s helpful to report back to the air district about how many acres were burned, compared to the estimate provided for the permit.
  - Comment: The conversations we have within this CAL FIRE Unit make their way into other areas of the state and show others what is possible. Word is spreading about the work taking place in Humboldt and CAL FIRE Units in other areas are raising their bars in response.

Featured Work Group Presentation: Integrated Planning
- Humboldt County General Plan: Safety Element update and SRA Fire Safe Regulations, presented by John Miller
  - Reviewed action plan goal, objective, and relevant priority actions (listed in presentation).
  - The State Board of Forestry’s updated State Responsibility Area Fire Safe Regulations became effective January 2020.
  - The County fire safe regulations were last updated in 2015 and have since been superseded by the new state regulations. This means CAL FIRE must now implement the regulations rather than the county, which is a significant burden on CAL FIRE and can be confusing for developers. As a first step, the County plans to adopt the state regulations as part of the County building code as soon as possible so county personnel can resume their role in implementing Fire Safe Regulations as part of the Building Permit process.
  - During the second step, the HCFSC may have the opportunity to suggest updates and expansions as the County conducts a more comprehensive update to the local version of the SRA regulations.
HUMBOLDT COUNTY FIRE SAFE COUNCIL

- To be approved by the Board of Forestry, a County fire safe regulations must meet or exceed the intent of the state regulation
- General Plan updated in 2017, which included the addition of a Safety Element. County is now being required by CAL FIRE to make certain revisions to meet the requirements (need more connection to CWPP and a robust climate change vulnerability assessment).
- Trigger for Safety Element update is the update of the Housing Element (part of General Plan) and the adoption of an updated local hazard mitigation plan.
- Update of Safety Element will include identifying all areas without at least two ways out; will need assistance from OES and local FSCs and fire departments to complete (Mattole Fire Atlas is one resource that has this kind of info).
- Climate change vulnerability assessment will be a big push as there are lots of new data to incorporate. (Karuk Tribe Climate Adaptation Plan and NCRP Climate Analyses are two local resources)
- No additional budget infusions such as grant funding should be needed.

**Action:** Identify which Work Group(s) will provide a feature presentation at the next meeting.
- Motion: Bill Eastwood motioned for the Fire Protection Work Group and Disaster Preparedness Work Group to present at the next meeting.
- Ali seconded the motion. Passed unanimously.

7. Learning How to Work with the CWPP as a Live Document

Staff presented on updates to a proposed CWPP project input process introduced at the last meeting. The most significant change is the addition of a Consent Agenda to help streamline approval. The process and associated documents can be found on the [HCFSC Programs webpage](#).

Kai motioned to approve the proposed process. Ali seconded the motion. Passed unanimously.

8. Current Grants / Funding Updates

- **County General Fund:** Allocation is now automatic. Used for grant writing and non-reimbursable grant expenses for the Public Works Natural Resources Planning Division, which has a large role in supporting the HCFSC and houses the regional administration team for the North Coast Resource Partnership.
- **Title III:** HCFSC/Firewise support, CWPP mapping, CWPP implementation and tracking. The future of this funding source continues to be uncertain and has been reduced over the years. The [Rural County Representatives of California (RCRC)](#) has been advocating for those funds to be renewed. Cybelle will be working with current Board to clarify uses of the remaining funding.
- **Measure Z:** Chiefs’ Association included planning team in their FY 20-21 Measure Z grant application budget. The planning team provides technical support and funds are allocated to remove obstacles to adjustment of jurisdictional boundaries of fire-related districts in order to meet service demands.
- **Question regarding RFFC:** Why is the budget for demonstration projects such a small proportion of funding? The distribution of funds between tasks was worked out during the original proposal and grant agreement process. Per the [RFFC Guidelines](#), at least one demonstration project per regional grantee is required; what is proposed will far surpass that. One of the major deliverables is a Regional Priority Plan and there needs to be sufficient budget for that as well; the outcomes and lessons learned from the demonstration projects will be incorporated into the plan. There’s also an allocation of funding for technical assistance and project development. Many areas and groups need a lot more help getting ready than some in Humboldt.
- **CAL FIRE grant** off to a slower start than expected. It is intended to serve as a model and this delay is part of the learning process. Insurance for contractors is proving to be a bit complicated.

9. Confirm next meeting date and location and adjourn.

Next meeting proposed for May 21, 2020 at the Fortuna Fire Station, 320 S Fortuna Blvd., Fortuna

Meeting time and location confirmed. Meeting adjourned at 12:50 pm.
## HUMBOLDT COUNTY FIRE SAFE COUNCIL

<table>
<thead>
<tr>
<th>TASKS*</th>
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</thead>
<tbody>
<tr>
<td>Fire Protection Work Group</td>
</tr>
<tr>
<td>Prepare to present at the next meeting on work that represents implementation of the CWPP Fire Protection action plan, such as progress of fire district annexations.</td>
</tr>
<tr>
<td>Disaster Preparedness Work Group</td>
</tr>
<tr>
<td>Prepare to present at the next meeting on work that represents implementation of the CWPP Disaster Preparedness action plan, such as the Local Hazard Mitigation Plan update and Bridgeville CERT efforts at next meeting.</td>
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<tr>
<td>All HCFSC members</td>
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<tr>
<td>Review Board Resolution.</td>
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<tr>
<td>Julia</td>
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<tr>
<td>Revise CWPP GIS database, as requested. Post to web.</td>
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<tr>
<td>Cybelle</td>
</tr>
<tr>
<td>Provide a list of groups that have approached the Council about becoming members (and/or others that should be considered). Staff will also research the structure of other FSCs.</td>
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<tr>
<td>Submit Board Resolution with updated HCFSC membership.</td>
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</table>

*All tasks are to be completed by May meeting.*
From the Humboldt County Fire Safe Council... 

Thank you Barbara for your many years of service!

Action: Support nomination of Tom O'Gorman as Local Fire Safe Council (WCFSC) Member At-Large to replace Barbara Darst

Action: Support amending BOS Resolution governing the HCFSC to include Planning & Building as an official member-slot

• If approved by vote: Support nomination of John Miller

Action: Make a recommendation in response to self-nomination of Rosalie Carnam and the amendments to the Resolution necessary to accept
**HCFSC Vice-Chair Nominations**

**Action:** Request nominations for Vice-Chairperson to replace outgoing member Barbara Darst

- Nominations will be accepted now until two weeks prior to the next meeting (May 21, 2020), when the final vote will take place.

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**Restoration of Beneficial Fire Action Plan**

- **Goal:** Restore beneficial fire at the landscape scale.
- **Objective:** The Humboldt County Fire Safe Council will foster wildfire resilience through education and promotion of ecosystem-restoration activities, including hazardous-fuel reduction, prescribed fire, and managed wildfire where appropriate.

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**CWPP Work Group Membership**

<table>
<thead>
<tr>
<th>Work Group</th>
<th>Goal</th>
<th>Current Membership</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ecosystem Priorities</td>
<td>Increase residents’ ability to effectively prepare for and respond to wildfire</td>
<td>Lead: Ryan Derby Members: Kirk Laidlaw, Ian Remar, Lori Winburn, Lyn James, Manny Mello, Paul Mendes</td>
</tr>
<tr>
<td>Fire Protection</td>
<td>Support fire prevention, preparedness, and public education</td>
<td>Lead: Justin McDonald and Lyn Winburn Members: Ki Laidlaw, Tim Remar, Jeff Donnell, Sue Zhang, Will Luan, Cybelle Immitt</td>
</tr>
<tr>
<td>Integrated Planning</td>
<td>Increase community understanding and engagement in landscape-scale wildfire</td>
<td>Lead: Jeff McDonald and Chris Ramey Members: Kaila Oster, Lenya Quinn, David Davidson (May 2020), Kai Ostrow, Lenya Quinn, and Lenya Quinn</td>
</tr>
<tr>
<td>Action: Action 3.5.2-1</td>
<td>Invite presenters to FSC meetings to share their experiences regarding successes, failures, and challenges of collaborative efforts to manage fire at the landscape scale</td>
<td>Lead: Chris Remar and mob. HCFBA Members: Chris Remar, Beth Harris, John Bacone, Jeff Connolly, Lyn James, and Rick Miano</td>
</tr>
<tr>
<td>Action: Action 3.5.2-2</td>
<td>Increase community understanding and engagement in wildfire</td>
<td>Lead: Kate Tredwell and Julie Canali Members: Jill Friedland, Barbara Darst, Bill Eastwood, Jason Harshman, Chris Remar, and Jen Brown, Diane Solarz, Beth Harris, Nancy Bailey, Michelle Mello, and Nancy Bailey</td>
</tr>
<tr>
<td>Action: Action 3.5.3-1</td>
<td>Organize regional meetings to bring together stakeholders to discuss, identify, and coordinate potential landscape-scale fuel breaks to facilitate the increased use of fire.</td>
<td>Lead: Chris Remar and mob. HCFBA Members: Chris Remar, Beth Harris, John Bacone, Jeff Connolly, Lyn James, and Rick Miano</td>
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<tr>
<td>Action: Action 3.5.3-2</td>
<td>Support Humboldt County Prescribed Burn Association, Prescribed Fire Training Exchange, Indigenous Peoples Burning Network, and other cooperative-burning models.</td>
<td>Lead: Chris Remar and mob. HCFBA Members: Chris Remar, Beth Harris, John Bacone, Jeff Connolly, Lyn James, and Rick Miano</td>
</tr>
<tr>
<td>Action: Action 3.5.3-3</td>
<td>Support state and national policy and legislative platforms regarding increasing prescribed fire and managed wildfire.</td>
<td>Lead: Chris Remar and mob. HCFBA Members: Chris Remar, Beth Harris, John Bacone, Jeff Connolly, Lyn James, and Rick Miano</td>
</tr>
<tr>
<td>Action: Action 3.5.3-4</td>
<td>Support state and national policy and legislative platforms regarding increasing prescribed fire and managed wildfire.</td>
<td>Lead: Chris Remar and mob. HCFBA Members: Chris Remar, Beth Harris, John Bacone, Jeff Connolly, Lyn James, and Rick Miano</td>
</tr>
<tr>
<td>Action: Action 3.5.4-1</td>
<td>Facilitate public understanding and support of public land prescribed burning.</td>
<td>Lead: Chris Remar and mob. HCFBA Members: Chris Remar, Beth Harris, John Bacone, Jeff Connolly, Lyn James, and Rick Miano</td>
</tr>
<tr>
<td>Action: Action 3.5.5-1</td>
<td>Increase community understanding and engagement in wildfire</td>
<td>Lead: Chris Remar and mob. HCFBA Members: Chris Remar, Beth Harris, John Bacone, Jeff Connolly, Lyn James, and Rick Miano</td>
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**Nexus With Action Plan**

- Priority Action 3.5.2-1: Invite presenters to FSC meetings to share their experiences regarding successes, failures, and challenges of collaborative efforts to manage fire at the landscape scale. — Today!
- Priority Action 3.5.2-3: Support state and national policy and legislative platforms regarding increasing prescribed fire and managed wildfire. — HCFBA Air Quality fee waiver success, BOS presentation being planned
- Priority Action 3.5.3-1: Organize regional meetings to bring together stakeholders to discuss, identify, and coordinate potential landscape-scale fuel breaks to facilitate the increased use of fire. — Touching on that process today and hope to inspire increased coordination
- Priority action 3.5.3-2: Support Humboldt County Prescribed Burn Association, Prescribed Fire Training Exchange, Indigenous Peoples Burning Network, and other cooperative-burning models. — Growing countywide and will hear more about it today.
- Priority action 3.5.4-2: Build capacity for prescribed fire on private lands. — HCPBA, So Hum Prescribed Fire Liaison, and VFD Training!
- Priority action 3.5.5-1: Facilitate public understanding and support of public land prescribed burning. — Media outreach
- And more...
Statewide PBA/Community-Based Burning Efforts

Other updates and 2020 Plans

- Air quality fees
- CA-219 in June. More info coming soon
- Burn week: end of June
- Other burns as windows allow
- Klamath Fire Ecology Symposium/Nor Cal Rx Fire Council joint meeting in June
- Rx fire for foresters April 28-29
Challenges
• Complex burns: wildland—urban interface in a post-industrial timber landscape
• Limited precedent in recent history

Assets
• Community is largely supportive of Rx Fire
• Robust volunteer fire service and mutual aid system
• Strong support from Cal Fire
• SHFSC developing momentum

Beneficial Fire in Southern Humboldt
Liaison role: building momentum and developing relationships
• 18 initial site visits and 7 home risk assessments spread across 8 watersheds
• Facilitated follow-up visits to 8 potential projects with Burn Planning team
• Collaborated with NRCS to identify existing projects with prescribed burning potential
• Assisted Southern Humboldt Fire Safe Council in developing priority projects
• Helped organize 4 burns, arranging support from 6 volunteer fire departments

Wildland Fire Training

2019 Klamath TREX Accomplishments
• Completed CEGA on 1,580 acres
• 106 participants; 70 training assignments; 38 participants signed off for current task book, including two RXB2 trainees
• Over 50 members of the media in attendance, including coverage by multiple local, state and national media sources
• 217 acres treated on 25 separate burn units on public and private lands
• We were allowed to burn for four days when the rest of California was in a statewide burn suspension (10/11-10/14/19)
Increasing the Use of Prescribed Fire

- Working to maximize opportunities for RX burning across ownerships.
- Klamath TREX, Yurok/CFMC TREX ($1M for Rx Fire from NFWF/USFS)
- Interagency mobile burn teams. All Hands All Lands Model. Collaborative RX burn database, RX in Progress.
- Expand Hum to PLAN Model to Siskiyou County.
- Family-based cultural burning.

Landscape Scale Strategic Fire Planning

State and Transition Model Development

3000-year Simulations

SHOW THEM YOU'RE LISTENING, LITERALLY!

FROM STEREOTYPES TO SHARED VARIABILITY

SEIZED BEYOND BOUNDARIES

WENGING MULTIPLE VALUES INTO MEANINGFUL PRACTICE

The Magic Behind the Map

NATIONAL SCENIC NORRIS SCENIC ROADS

Coastal Oregon - Mackenzie

Hulley

3/3/2020
2020-2030 Collaborative Forest Landscape Restoration Program Proposal Submitted

• $40 million over 10 years to restore fire process on 1.2 million acres. ($4 million/year)
  • Includes fire and fuels, invasive species, fish habitat, and meadow restoration treatments.
  • Partners include Karuk Tribe, Klamath and Six Rivers National Forest, NGO’s.
• Creating social license for managed wildfire.
• Restoring cultural and ceremonial landscape burning practices of the Karuk Tribe.
• Funding USFS to implement prescribed fire at larger scales with partner engagement.
Statewide Targets

- The targets for Contract Counties and SRA are:
  - 25,000 acres of broadcast prescribed burning
  - 20,000 acres of other fuels treatment (chipping, thinning, pile burning, fuel break)
  - 250,000 annual defensible space inspections

- Unit targets are:
  - 1,250 acres of broadcast prescribed burning
  - 1,000 acres of fuels treatment
  - 30% of the Unit's SRA habitable structures defensible space inspection's

HUU Objectives

- Leverage our overhead and resources to increase the application of Rx fire
- Conduct CAL FIRE Burns through the VMP process
- Assist and guide other agencies in their efforts
- Permit and assist private burners with the safe application of Rx Fire at the right place and right time to achieve the objectives of the burning.
- Provide advice to burners on measures to avoid damage to the property of others.
HUU Achievements

2019 -- 1,257 acres burned

<table>
<thead>
<tr>
<th>HUU Treatment Objective</th>
<th>Treated Acres</th>
<th>Personnel Hrs</th>
<th>Equipment Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Broadcast Burn</td>
<td>1,163</td>
<td>2,091</td>
<td>1,740</td>
</tr>
<tr>
<td>Fuel Break</td>
<td>64</td>
<td>133</td>
<td>168</td>
</tr>
<tr>
<td>Fuel Reduction</td>
<td>409</td>
<td>1,301</td>
<td>2,309</td>
</tr>
<tr>
<td>Right of Way Clearance</td>
<td>516</td>
<td>1,305</td>
<td>5,702</td>
</tr>
<tr>
<td>Broadcast Burn</td>
<td>1,163</td>
<td>7,067</td>
<td>7,285</td>
</tr>
<tr>
<td>Combined Fuel Reduction</td>
<td>1,361</td>
<td>5,578</td>
<td>9,016</td>
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</table>

HUU Achievements

<table>
<thead>
<tr>
<th>Year</th>
<th>CAL FIRE Projects</th>
<th>Agency Assists</th>
<th>Non-gov Assists</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013</td>
<td>51</td>
<td>1021</td>
<td>140</td>
</tr>
<tr>
<td>2014</td>
<td>0</td>
<td>400</td>
<td>240</td>
</tr>
<tr>
<td>2015</td>
<td>0</td>
<td>495</td>
<td>400</td>
</tr>
<tr>
<td>2016</td>
<td>350</td>
<td>2165</td>
<td>344</td>
</tr>
<tr>
<td>2017</td>
<td>395</td>
<td>1321</td>
<td>568</td>
</tr>
<tr>
<td>2018</td>
<td>770</td>
<td>968</td>
<td>746</td>
</tr>
<tr>
<td>2019</td>
<td>241</td>
<td>228</td>
<td>759</td>
</tr>
</tbody>
</table>
"I have a vision of increasing the amount of "good fire" across the public lands we manage. My focus is to work with partners, including indigenous communities, local organizations, neighbors and other government agencies, so we can share the best conservation science in concert with traditional ecological knowledge to pinpoint the most important places to bring fire back to our landscapes, when it matters most," - Ted McArthur, Forest Supervisor for the Six Rivers National Forest.

The Fuels & Fire Project would authorize a set of manual and mechanical land management tools to prepare our landscapes for up to 8,000 acres of prescribed burning every year.
Phase 1: Units A-C

Units A and B (393 acres) have been funded and awarded to the contractor through the BLM procurement process.

$1,021,800: Total award amount.

637 acres of both precommercial thin and chip, and thin and hand pile.

Project Specifications:
- Contractor will thin trees to 20 x 20 feet, and chip/pile both slash and vegetation between live trees.
- California Bay: fall all trees unless marked otherwise
- Tanoak: Fall all trees up to 16" DBH
- Douglas Fir: Fall all trees up to 10" DBH
- Except where necessary for access or safe operations, no chinquapin, Oregon White Oak, California Black Oak, or Madrone should be cut.
- Preference for thin and chip with slope and condition limitations being considered

Phase 2: Units A & B

Both Unit A and B (196 acres) have been funded and awarded to the contractor through the BLM procurement process.

$392,500: Total award amount.

Phase 2: 196 acres of Track Based Mastication.

Project Specifications:
- Contractor will thin trees to 20 x 20 feet and masticate both slash and vegetation between live trees.
- California Bay: fall all trees unless marked otherwise
- Tanoak: Fall all trees up to 16" DBH
- Douglas Fir: Fall all trees up to 10" DBH
- Except where necessary for access or safe operations, no chinquapin, Oregon White Oak, California Black Oak, or Madrone should be cut.
- Residual fuel bed will be reduced to 12 inches depth or less

Phase 3 Units A-D

Contracts Currently Under Development
- 648 Acres
- Project Costs
- Lessons learned from Phases 1 & 2

Other Lacks Creek Forestry / Fuels

- Pine Ridge Roadside Thin / Pile (completed 2019)
  - 110 acres
  - Pile burning underway
- Prairie Restoration Work
  - Broadcast burns grassland maintenance
  - Round Prairie and Flyette this week
Headwaters Mastication
Thinning and Fuels Reduction

2017 Headwaters Area
The Routt Valley
Updated Proposal (B-Access)

2016/2019 Headwaters Mastication Unit (103 Acres)

Headwaters Thinning and Fuels Reduction
2020 Thinning Proposal with SRL / Yale

Photo Point 7

Photo Point 7

Photo Point 7

Photo Point 7
Gilham Butte – Middle Mattole Fuel Break

2020 King Range Forest Health and Community Protection Proposal

- Planning Completed in 2019 using HRVM Programmatic Planning Process
- Subset of total desired acreage submitted for initial grant proposal
- 2020 proposal includes funding to treat approximately 1695 acres
- 2020 proposal includes surveys to expand the Phase 2 treatment footprint to a total of 3200 acres

Map showing currently available acreage.
- Second phase would continue north to Honeydew.
- Final Phase would treat lands interior of treatments.
Forest and Fire Capacity Report from the Watershed Center

- “Substantial and diverse needs for capacity building”
- “There is a strong interest in receiving capacity assistance from peers”

Demonstration project Proposals Due March 13th

- Nearly $1.8 million of the funding will go to fund demonstration processes and on-the-ground projects designed to test concepts, methods, and innovative techniques to identify effective management practices for fuel load reduction and forest health that can be quantified and scaled up in the region and elsewhere.

Yurok Tribe, Western Rivers Conservancy, and Humboldt County RCD were awarded $4.3 million from the California Climate Investments Forest Health Fund

- Will be treating several thousand acres of land in the Yurok Community Forest and the Blue Creek Salmon Sanctuary over the next four years.
- A Critical component for the successful submission was the alignment with the County CWPP, and the Yurok Tribes Emergency Preparedness Planning.

Next Year’s California Climate Investments Forest Health Program

- Designed to fund landscape scale forest health treatments
- The HCRCD can help provide technical support to applicants
- Minimum treatment areas of 800 acres
- Awards range from $750,000 to $5,000,000
- Will be treated for fire resistance to begin in April, made in September and be Awarded in December
- One of the key criteria is participants aligning with and using the Community Wildfire Protection Plan (CWPP), California Forest Carbon Plan, and the Cal Fire Unit Plans
- Demonstration of organizational and financial capacity to implement the project
- Clear pathway for environmental compliance, CEQA/NEPA clearance preferred at time of submission
Embracing Fire 2

April 25th at the Mateel in Redway.

• Hosted by the Institute for Sustainable Forestry
• We see this as meeting as we begin to escalate our seasonal fire preparedness
• This is a venue for an exchange of ideas and experiences across the bioregion
• Most of all, this will be a celebration of the work being done to provide for a fire resilient future for our forest dependent communities
• We are looking for organizers, sponsors, content providers and participants to join us

Contact me at foresthealth.hcrcd@gmail.com with any questions

Questions? Discussion?

Integrated Planning Action Plan:

• Goal: Maximize integration of planning efforts to improve community and ecosystem resilience to wildfire.
• Objective: The Humboldt County Fire Safe Council and its collaborators will cooperate to improve community and ecosystem resilience to wildfire by coordinating planning efforts among local, state, regional, tribal, and federal stakeholders, including those identified in this CWPP.

Nexus With Action Plan:

• Priority Action 3.6.5-1: Collaborate with county planners to realize adopted general plan policies, standards, and implementation measures and develop implementing regulations relating to this CWPP.
• Priority Action 3.6.6-1: HCFSC will support county planners to update the county “SRA Fire Safe Regulations” and other regulations as appropriate to incorporate current wildfire-mitigation science and best practices.
• Priority Action 3.6.1-1: Outreach to communities to guide residents regarding their existing planning unit action plan and how to use it to improve wildfire preparedness in their community.
Next Work Group Feature Presentation

- CWPP Implementation is supported by featuring activities that are consistent with the goals and objectives of at least one Action Plan Work Group each quarterly meeting.
- This practice is intended to keep the HCFSC and partners grounded in using the CWPP as a meaningful resource to guide and track action.
- Action: Identify which Work Group(s) will provide a feature presentation at next meeting.

Who can propose?

- Project submissions will be accepted from local fire safe councils, watershed groups, tribes, land management entities, or other similar groups.
- Project updates/propsals will not generally be accepted from unaffiliated citizens. These individuals will instead be directed to a local group that may have specialized knowledge of the area or issue, or may already be developing a similar project. The local group may choose to view the project and propose it to the Humboldt County Fire Safe Council through the process outlined below.

What information should be included?

- Proposals must include:
  - For NEW projects only: Letter (or email) from a representative designated by the proposer entity. Alternative documentation of decision-making such as meeting notes may also be accepted. Where project development involves several collaborators, a letter (or email) stating support for the proposed project should be provided by those groups as well. For example, if a land management entity proposed a plan project within the operational area of a local PSC or Tribe, ideally, that PSC or Tribe would indicate their support for the action.
  - Completed CWPP WebGIS Request Form.
  - Optional: hand-drawn map, .shp (ArcGIS generated), .kmz (Google Earth generated), or .png (County WebGIS generated); staff can assist with this step, in some cases.

CWPP Project Input and Update Process: Intention

- Facilitate input of new projects into the CWPP GIS database.
- Help ensure new additions/substantial revisions have had some type of vetting.
- Improve quality and usefulness of data stored in the database over time.
- Contribute to accomplishment of CWPP Integrated Planning Goal Metric 3.6.4: Fire-Planning Data Management.

HCFSC Approval Process

1. Between HCFSC meetings, HCFSC staff will:\n   - Make any necessary clarifications with the proposer entity.
   - Generate an initial map, if none is provided.
   - Compile all initial proposals for inclusion in the next HCFSC meeting Consent Agenda.
   - Provide packages/proposals to the HCFSC and public for review in advance of the next meeting.
2. At each HCFSC meeting:
   - The Chairperson will request a motion to approve Consent Items, which will generally include all project proposals submitted over the course of the previous quarter:
     - At this time, any voting member may ask that a project proposal be pulled for further discussion. Staff will notify the proposer group of proposals that will provide further detail (web form, letter, etc.).
   - Following discussion, the item may be reviewed for approval separate from all other Consent Agenda Items.

   a. A majority of voting members vote yes, a letter (or email) will be sent to the proposer group.
   b. The reason why the project will not be incorporated into the CWPP.
   c. If a majority of voting members vote yes, staff will:
      - Provide any additional mapping, showing the information provided on the Request Form and any subsequent Planning.
      - Provide a copy of the project.
      - Update the public accessible WebGIS.
      - Track the proposal in HCFSC and CWPP database.

   d. Track new additions to the project (proposals that are included with the next updated update of the CWPP)

Finally, remaining items on the Consent Agenda may be reviewed for approval by any voting member. Ensuring action will depend on the outcome of the vote as described above.

- Action: Vote on acceptance of the proposed process.