

Restoration Ecology group activity results

Ft. Bragg (Dec 16th, 2024) and Ukiah (November 18th, 2024)

Land Allocations / Forest Zone – Management Objectives

Matrix Land Allocation

How to achieve objectives:

Prescribed Fire:

Focus prescribed fire locations to protect the community (western side of JDSF)

End commercial logging

Define Control invasives

What extent is timber harvested before the prescribed burn?

Research how Rx fire management affects the economics of wood products

Cultural fire led by native people

objectives, plan, prepare, engage public, burn, monitor, adapt, report results

Road Management:

Limiting new road building

Be mindful, decommissioning roads and areas emergency access is important.

Maintain funding to support long term road management for timber harvesting, recreation, fire suppression, research, watershed improvements by timber harvesting and other sustainable sources of funding

Continue THP harvest to support road management

Keep roads to bare minimum

No new roads

Decommission strategic roads

Wildlife benefits:

Encourage/invite university staff or wildlife agencies to conduct research on the impacts and benefits to various forest species throughout the life of a THP. Including large woody debris ecosystems species utilized diverse canopy structure

Make 30% or less of forest matrix

Retain large green wildlife trees to support decay and wildlife.

Critical to support biodiversity of plants that support biodiversity of animals

Open forest for wildlife should be based on research not money from timber

Stop logging, tis harms spotted owls and their nests. Logging is a larger problem than barred owl.

Timber Harvesting:

Reduction of harvesting

Have CA general fund support all or part of budget so CALFIRE does not have financial motive to manage forest

Thin almost exclusively from below

Preserve redwoods over Doug fir because they live longer and sequester carbon longer

Stop killing oaks, they make food for humans

Looking at areas that are passively managed and introducing guidelines to maintain passive management and observe the effect of passive management in younger areas

Encompass several forest benefits into timber harvesting projects including but not limited to forest management research. Encourage public education on timber harvesting in redwoods

Follow forest stewardship council sustainable logging protocols

Selection should consider maximizing carbon sequestration

Retain trees, sustainable forestry understandable but large trees must stand.

Not compete these should be harvested

Species diversity

No logging, no THPs

So 100% of this zone (55% of the forest) prioritizes economic timber harvest over health of trees waterways critter and weather?

Consider leaving tan oaks to become old growth don't treat as weed

No diameter limit on harvest, could have negative consequences impact research potential

Ensure sustainability while continuing harvesting/forestry efforts

Forest Research Potential:

Need an economic model for growing big redwoods for harvest

Investigate the benefits for fauna in large rotting slash piles

Include widely varied frequencies of entry: 100 yr, 200 yr and compare various outcomes including economic and wildlife, hydrology etc

Investigate what is aesthetically pleasing and what is visually disturbing after timber harvest

Whole tree yarding research to study residual stand damage, residual organic matter, stand damage if prescribed fire is used in post harvest stand where whole tree yarding is used.

Research benefits of pre-commercial thinning in redwood

Research different recreation types and their infrastructure needs and compatibility with timber harvest

Broad diversity of forest mgmt. activities should be done on small plots not large mgmt.

Research silviculture

If we have more trees we have more forest to research

Carbon sequestration vs storage by different treatment

Continue to integrate forest resiliency to climate change into management

How does RX fire integrate with different aged stands

Restorative forestry in all zones

What additional activities can CALFIRE do to meet objectives:

Add fungal EDNA to CFI Plots

Let matrix become old growth

Method of public input being limited to public writing or posting on a board is not helpful for public

Limit logging to allow forest regeneration

Do CEQA for management plan

Determine if regular guided recreation can be considered compatible with timber activities.

Encourage forest landowners to preserve forests

Education how? For timber or ecology, wildlife, etc. Not as money focused as primarily

Stop logging have bake sales like schools do

Incentives for good management practices beyond Jackson boundaries

The objectives have been pre-determined

Other: This zone is too large although could be mitigated by restorative goals. Soil, all bio and chemical compositions, soil hydrology, biodiversity mammal, insect

Improve signage and educational opportunities

Hire tribal organizations to perform work in the forest

Old Growth Reserves Land Allocation

How to achieve objectives:

Prescribed Fire:

Use of rx fire in all stands to mimic low intensity pre-historical fire occurrence

Expand fire into these areas to protect them

Prepare understory fuels to make them safer to burn and achieve objectives

When using Rx fire use existing or natural resources as control lines

How comfortable are we with risking an old growth with prescribed fire? Fire is not a precise tool

Why is prescribed fire which studies “least damage” favored over TEK and cultural burns which promote “maximum health” based on generations of observation?

Cultural fire led by native people

Ensure complete necessity of prescribed burns when necessary. Ensure that the area burned is not meant to be used for tribal purposes

Don't use dry climate research as a model for prescribed fire in coastal redwoods

Tribal/traditional ecological knowledge should be guiding research and tribes should be conducting management

Road Management:

Road maintenance to include culvert replacement as necessary

Remove and restore any unnecessary roads in Old growth areas

Decommission

Leave decommissioned roads open to create trails

Leave skid roads open to create trail for recreation after THPs are done

Strategically decommission roads-beneficial for Rx fire implementation

No new roads-manage and use the ones that already exist

In the past I would look forward to an area being logged because I knew it would mean more roads to become trails for recreation. Logging roads are now made impassable

Wildlife Benefits:

Logging harms spotted owl

Indulge in research to adequately ensure wildlife have the proper means necessary to thrive in old growth

No Harvesting:

Maintain 300 ft buffer adjacent to old growth stands. w/l buffer selective harvest to a minimum of 160 sq ft/ac BA conifer retention

Continue to have no timber harvest leave old growth untouched

No harvesting is not the same as no management. Why aren't we learning about the healthiest parts of the forest and leaving them alone as is done in the Angelo Reserve, so we have "baseline" data

Provide demonstration of treatments for target demographics

Promote biodiversity and wildlife habitat

Keep old growth protected

Will management intervention occur following high intensity fire like what occurred in Big Basin SP?

Forest Research Potential:

Benefits of understory management in previously managed old growth groves, ecological benefits pre and post management in old growth groves

How does old growth respond to Rx fire?

What prescription is useful for Rx fire objectives?

Carbon sequestration/storage

Research without logging

What additional activities can CAL FIRE do to meet objectives:

Do CEQA for mgmt. plan 'Add fungal EDNA to CFI plots

Continue to preserve old growth

Stop logging- bake sales for profit

Allow horse camping at roundhouse campsite at the camp one area

Late Seral Development Land Allocation

How to achieve objectives:

Prescribed Fire:

No more commercial logging

Keep burning, Native Americans had it right

Reduce understory fuels to manage fire intensity use safe proven effective methods to achieve objectives. State Objectives and get public buy in, study, adapt and share

Rx fire to be used as necessary to mimic low intensity prehistoric fire

Use Rx fire to keep invasives at bay and allow fire loving species like bishop pine to regenerate

Cultural fire led by native people

Don't just designate a forest area and light it on fire particularly during drought and high heat, use the forest's own temperature control to keep fire damage minimal

Road Management:

How are you going to do this without a timber harvest?

No more commercial logging

Remove roads not needed for management, upgrade/improve roads that are needed. Keep roads away from stream

Decommission more roads

No new roads, manage the ones that already exist

Close roads ask indigenous people

Wildlife Benefits:

At least 70% of the forest should be LSD

Retain green wildlife trees not just snags, anything 35" dbh or larger

Limited entry to promote old growth characteristics understory and fungal communities

No logging

Logging harms spotted owls more than barred owl

Need biodiversity

Limited Timber Harvesting:

Leave JDSF alone for 20 years

Timber harvesting to support all wildlife trees/ Retention across the THP area not just in the WLPZ

Commercial logging could focus on the smaller trees in a stand allowing larger trees to grow bigger for later use or conservation in perpetuity-whichever is needed in the future not just leaving 4 trees/ac

Harvest timber from understory to meet management goals

No diameter limit on harvest can have negative consequences

Stop logging no THPs

Old growth in training

Use carbon sequestration as a priority

Consider leaving tan oak to become old growth

Use ecological forest management to guide harvesting

Ask indigenous people when/if its ok to harvest

Harvest to increase carbon sequestration

Forest Research Potential:

Understand how LSD can be incorporated in more commercial logging operations. Ex: Carbon credits

Analyze harvesting as cumulative effect for Mendocino coast range for threatened species

Study climate change and carbon sequestration

Compare LSD treatments at JDSF to others in state (redwood rising)

How is Rx fire used to create structures

What additional activities can CAL FIRE do to meet objectives:

Far less managing and experimenting

Add fungal EDNA to CFI plots +3 high

Educational tours and workshops. Demonstration/education trails in appropriate areas

Increase LSD, make more of the matrix LSD

Make NW panhandle an LSD area

Stop logging.

What would happen if “forest management” removed redwood tree harvesting altogether as its central mandate? Please read John P O’Brien’s study getting to state officials. Use that as a starting point not to pay yourselves

Old Forest Development Land Allocation

How to achieve objectives:

Management objective: Are tribes included in the objectives? If not, are there plans to include them?

Prescribed Fire:

Use fire to manage fuels where feasible by proven safe and effective methods +1 high

Pair recreational trails with shaded fuel breaks for prescribed burn management +2 high

Yes, to prescribed burns

Cultural fire led by native people

Road Management:

Use timber revenue and grant funds to improve and remove roads as needed

Maintain and upgrade roads as necessary for adequate drainage. To extent possible, grade/shape seasonal roads to reduce # of waterbars

Decommission unneeded roads and relocate roads needed that are in poor location

Limit new road development

No new roads, manage and use the roads that already exist

Wildlife Benefits:

Enlarge width of the north south zones so that the wildlife corridor will not be cut by future timber harvest in the zone

Consider widening some of these areas

More north south protection

Enhance biodiversity of wildlife and variety of resources to provide food quality water, shelter needs. Consider vertical conditions canopy and lower level

Logging also creates issues for the spotted owl. Stop logging and harming spotted owl nests

Concern that too many trees are removed in a whole plot not allowing for diameter growth within that plot

Timber Harvesting:

Propose reasonable harvests that protect other values. Do extensive public outreach, gain input and justify actions

Demonstrate Old Forest structure compatibility with sustainable harvests

Manage these lands for faster big trees for harvest

Reduce timber harvest to promote old forest transition to LSD/Old growth

Timber harvesting to support >18" DBH retention to a higher standard than the forest practice rules.
Higher BA retention? 150 sq ft/ac consider minimum?

Leave the 2-3 largest trees in each clump for future decisions. Some could later be logged and would be much more valuable than if we cut them now

Thin only from below

Important to support direction of forest to maximize carbon sequestration

Why is the priority still on harvesting and not forest health for the next 10,000 years

If we continue to log younger growth there won't be more old growth

What are they going to do to increase the percentage of old growth areas?

No logging no THPs

Are there methods of harvesting being considered beyond single tree selection?

No diameter limit on harvest, potential negative consequences and potential research limiting

Only do when necessary

Who is actually monitoring this to make sure the loggers are abiding by the set standards of what can be logged?

Forest Research Potential:

Research harvest modalities and effects on OF development

How best to increase carbon sequestration

Old growth trees are not just needed for overall air quality and fire suppression not just for Mendocino County but for the planet

If we had more trees would there be a territory war between the spotted owl and barred owl?

Promote other materials to build houses to lessen need to cut trees

Economics of using "maintenance" treatments such as PCT, rx fire, invasive species

Carbon sequestration vs storage by treatment

How to use rx fire as management

What additional activities can CAL FIRE do to meet objectives:

Do CEQA for mgmt. plan

Protect old forest for a future old growth forest

Add more OFDA east of camp 20 and away from marine influence

Stop logging for profit. It's not healthy for the forest, the water or critters. Hold bake sales

Make more wildlife corridors

Other:

Need to outreach more to small landowners and provide educational material for them

Restorative forestry in all zones this zone is too big.