

Survey Questions S1

Survey Title: Prescribed Fire in Northern California Survey

Q1 What is your email address?

Q2 What type of entity do you primarily work for with regard to prescribed fire?

- ☐ US Forest Service
- ☐ Bureau of Land Management
- ☐ American Indian Tribe
- ☐ CAL FIRE
- ☐ National Park Service
- ☐ California State Parks
- ☐ Non-governmental organization
- ☐ Private company
- ☐ Other (please specify) _____

Q3 Which park, forest district, field office, or unit do you work for to conduct/plan prescribed burns?

Q4 What is your position?

Q5 Within your position, how do you support prescribed burning?

Q6 What were your agency/organization's annual prescribed burn area targets in 2018 (if known)?

- ☐ 0 - 25 acres
 - ☐ 26 - 100 acres
 - ☐ 101 - 500 acres
 - ☐ 501 - 999 acres
 - ☐ 1000 + acres
-

Q7 How many total acres did your agency/organization burn in 2018?

- ☐ 0 - 25 acres
 - ☐ 26 - 100 acres
 - ☐ 101 - 500 acres
 - ☐ 501 - 999 acres
 - ☐ 1000 + acres
-

Q8 Since 2013, has your agency/organization made progress toward increasing the overall area of prescribed burns?

- ☐ Yes
 - ☐ No
-

Q9 Please estimate how many more acres your agency/organization burns annually compared to 2013:

- ☐ 1 - 10 acres
- ☐ 11 - 51 acres
- ☐ 51 - 100 acres
- ☐ Other (please specify) _____
-

Q10 Since 2013, what were the most important actions your agency/organization took to increase prescribed burning (1 being most important)?

- ☐ 1 _____
- ☐ 2 _____
- ☐ 3 _____
-

Q11 Of the following prescribed burn objectives, which does your agency/organization regularly accomplish, and which are more difficult to accomplish?

	Regularly Accomplish	Difficult to accomplish	N/A
Fuel reduction	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Enhancement of Nontimber (special) forest products	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Enhancement of ecocultural resources (e.g. acorns, basketry materials)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Forage enhancement for deer/elk/livestock	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ecological restoration	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other (if applicable, please specify)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Q12 Have interagency and community-based collaborations supported prescribed burning efforts within your agency/organization?

- ☐ A great deal
 - ☐ A lot
 - ☐ A moderate amount
 - ☐ A little
 - ☐ N/A
-

Q13 How have these collaborations specifically supported prescribed burning?

Select all that apply

- ☐ Provided funding
 - ☐ Provided personnel and equipment
 - ☐ Provided training
 - ☐ Supported with burn planning and permitting
 - ☐ Supported with community outreach
 - ☐ Other (please specify) _____
-

Q14 Has your agency/organization participated in collaborative burning supported by any of the following programs?

Select all that apply

- ☐ Prescribed Fire Training Exchanges (TREX)
- ☐ Joint Chiefs Landscape Restoration Partnership
- ☐ CAL FIRE funds or programs (e.g., Vegetation Management Program, Forest Health grants)
- ☐ California Department of Fish and Wildlife funds
- ☐ California Fire Safe Council funds
- ☐ Tribal Forest Protection Act
- ☐ Other (Please specify) _____
- ☐ N/A

Q15 How many times has your agency/organization participated in prescribed fire training exchanges (TREX)?

- ☐ 1 - 2 times
 - ☐ 3 - 4 times
 - ☐ 5 - 6 times
 - ☐ 7 + times
-

Q16 Was TREX useful for your agency/organization?

- ☐ Very useful
- ☐ Moderately useful
- ☐ Slightly useful
- ☐ Not useful

Q17 What are the specific benefits of TREX for your agency/organization?

Q18 If your agency/organization had unlimited financial resources, which of the following would be your top three impediments to prescribed burning? **(Drag items and drop in the box)**

Top three impediments without financial constraints

- _____ Coordination of multiple property owners
 - _____ Air quality permitting
 - _____ NEPA/CEQA processes
 - _____ Permissive legal burn days
 - _____ Public concerns
- _____ Wildfires reducing available personnel
 - _____ Short burn windows
 - _____ Other (please specify)



Q19 If your agency/organization could allocate more financial resources to expand annual prescribed burn area, which would be the top three budget items you would increase? **(Drag items and drop in the box)**

Top three items to increase financial resources

- _____ Personnel to plan burns
- _____ Personnel to implement burns
- _____ Personnel to prep burn units
- _____ Personnel training

_____ Equipment (e.g., engines, hose, etc.)

_____ Insurance policies

_____ Other (please specify)

Q20 Which of the following do you believe constrains your agency/organization's burn window?
Please rank the pertinent choices, with the first item being the greatest contributor.

Greatest constraints to burn window

_____ Unavailable personnel

_____ Wildfires reducing available personnel

_____ Climate changes (e.g., drought, unpredictable precipitation)

_____ Permissive burn days

_____ Limited financial resources

_____ Limited collaborative management with other agencies

_____ Risk aversion

_____ Other (please specify)

Q21 Do you believe the legal burn window (permissive burn days) has become shorter since 2013?

☐ Yes

☐ Maybe

☐ No

Q22 How often do the following landscape features discourage your agency/organization from planning prescribed burns nearby?

	Most of the time	Occasionally	Rarely	Never
Private properties and structures	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Cultural resources	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Endangered species	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
High fuel load areas	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Recreation attractions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other (please specify)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Q23 Does your agency/organization have sufficient resources to reduce fuel loads to prepare sites for prescribed fire?

- ☐ Always
- ☐ Most of the time
- ☐ Occasionally
- ☐ Rarely
- ☐ Never

Q24 Please explain how the Endangered Species Act has caused your agency/organization to limit prescribed burning plans:

Q25 Do planning procedures like CEQA or NEPA impede your agency/organization's ability to implement and increase prescribed burns?

- ☐ Always
- ☐ Most of the time
- ☐ Occasionally
- ☐ Rarely
- ☐ Never
- ☐ N/A
-

Q26 Does your agency/organization have sufficient specialists available to efficiently conduct CEQA and NEPA assessments of proposed prescribed burns?

- ☐ Always
- ☐ Most of the time
- ☐ Occasionally
- ☐ Rarely
- ☐ Never
- ☐ N/A
-

Q27 If your agency/organization could add staff to streamline the completion of CEQA or NEPA requirements for prescribed burning, which would be the top three positions? **(Drag items and drop in the box)**

Top 3 Staffing Positions to Streamline CEQA/NEPA

_____ Cultural Resource Specialist

_____ Wildlife biologist

_____ Forester

_____ Botanist

_____ Environmental Planner

_____ Other (please specify)

Q28 Is your agency/organization limited by the availability of burn bosses to conduct prescribed burns?

- ☐ Always
- ☐ Most of the time
- ☐ Occasionally
- ☐ Rarely
- ☐ Never
-

Q29 Has the lack of available wildland fire crews or modules limited your agency/organization 's ability to conduct prescribed burns?

- ☐ Always
- ☐ Most of the time
- ☐ Occasionally
- ☐ Rarely
- ☐ Never
-

Q30 If your agency/organization could increase personnel to expand prescribed burning capacity, which type of personnel would be most beneficial? (Please rank, 1 being the greatest, 5 being the least)

- _____ Burn bosses
- _____ Fire managers
- _____ Wildland fire crews/modules
- _____ Scientists/Specialists
- _____ Cultural Resource Technicians
-

Q31 Since 2013 has your agency/organization been able to make improvements to the following prescribed fire impediments?

	Improved	Unchanged	Declined
Air quality permitting	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
NEPA/CEQA assessments	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Personnel resources	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Public concerns	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Financial resources	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fuel loading	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Property owner coordination	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Q32 What specific actions has your agency/organization taken to overcome or reduce the following impediments to prescribed burning?

- ☐ Air quality permitting _____
- ☐ NEPA/CEQA assessments _____
- ☐ Personnel resources _____
- ☐ Public concerns _____
- ☐ Financial resources _____
- ☐ Fuel loading _____
- ☐ Property owner coordination _____
- ☐ Other (please specify) _____

Q33 Has your agency/organization attempted to reduce impediments with limited effectiveness?

☐ Yes

☐ No

☐ N/A

Q34 What were those efforts and why weren't they effective?

Q35 Are there changes to specific laws and policies that you believe would support the expansion of prescribed burning?

Q36 Are there any promising developments that you believe will aid in expanding prescribed burning in the next decade?

Q37 Thank you for participating in this survey!

Do you have anything else you would like to add?
