

# Wildfire Resilience: Returning to Our Roots



# California Adaptation Forum 2020 WEBINAR SERIES SPONSORS





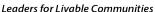






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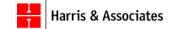
















# Webinar Logistics

#### Q&A

- Submit questions for panelists through the Q&A module at any point during the webinar.
- Upvote questions that you are interested in hearing responses to.



#### Chat

- Engage in a dialogue with your peers share resources, case studies, and your ideas.
- Reach out to LGC staff if you encounter technical issues or have general questions.

# Our Panelists



Amanda Hansen

Deputy Secretary for Climate Change

California Natural Resources Agency



Nuin-Tara Key

Deputy Director for Climate Resilience

Governor's Office of Planning & Research



Joe Hostler

Air Quality Coordinator

Yurok Tribe Environmental Program



Christopher Godley

Director of Emergency

Management

**Sonoma County** 



Lucas Zucker

Policy & Communications
Director

Central Coast
Alliance United for A
Sustainable Economy



Presentation by: Joe Hostler

Yurok Tribe Environmental Program-(YTEP)

November 5<sup>th</sup>, 2020

# CONTROLLED





Yurok Tribe Climate Change Adaptation Plan for Water & Aquatic Resources 2014-2018

Prepared by the Yurok Tribe Environmental Program in collaboration with the Yurok Tribe community members, staff, and several organizations—the institute for Tribal Professionals and Adaptation International. Funding was made available through the US EPA Science to Achieve Results (STAR) Program, Grant # 83560401-0.

Yurok Tribe Reintroduction of Prescribed Fire to Help Prevent Future Wildfires





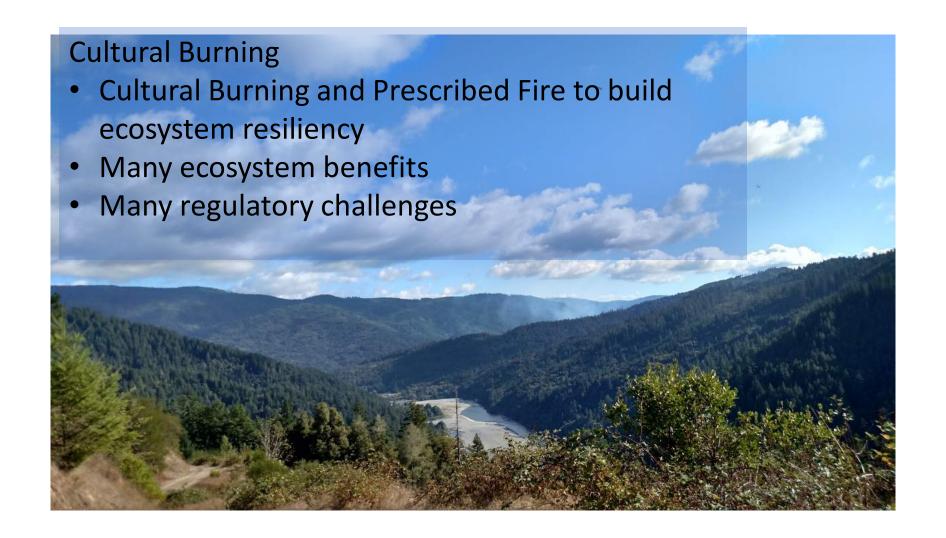
NW California Tribes are world renowned Basket weavers

Good materials
 Require burning





# Yurok Tribe's Air Quality Program



# Guidelines for Considering Traditional Knowledges in Climate Change Initiatives

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CTKV

Guideline

Primer

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Resources Discussion Forum

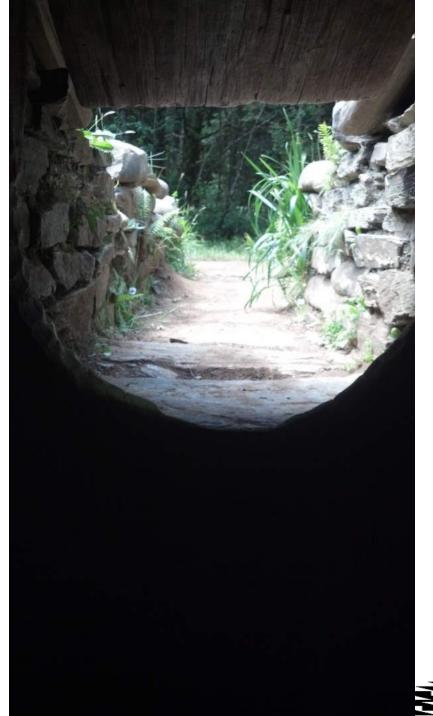
<u>Guidelines for Considering Traditional Knowledges (TKs) in Climate Change Initiatives</u> is a publication intended to be an informational resource for tribes, agencies, and organizations across the United States interested in understanding TKs in the context of climate change.

The Third National Climate Assessment issued in May 2014 contained a chapter dedicated to the impact of climate change on tribal peoples. In light of the increasing recognition of the significance of traditional knowledges (TKs) in relation to climate change, a self-organized, informal group of indigenous persons, staff of indigenous governments and organizations, and experts with experience working with issues concerning traditional knowledges (The Climate and Traditional Knowledges Workgroup – CTKW), felt compelled to develop a framework to increase understanding of issues relating to access and protection of TKs in climate initiatives and interactions between holders of TKs and non-tribal partners. The Guidelines were originally developed to inform the Department of Interior's Advisory Committee on Climate Change and Natural Resource Science (ACCCNRS) and the North Pacific Landscape Conservation Cooperative in May 2014. The CTKW developed these Guidelines through a collaborative effort with funding support from individual tribal governments, the North Pacific Landscape Conservation Cooperative, the Northwest Climate Science Center and the USDA Forest Service Pacific Northwest Research Station.

\*\* Neither these guidelines nor this website are places to share Traditional Knowledges. Instead, they are places to build an understanding of how Traditional Knowledges may inform climate change initiatives and the risks to tribes and knowledge holders that may come from sharing Traditional Knowledges. This website will not accept submissions of primary Traditional Knowledges, and is not a place for Traditional Knowledges to be exchanged.

Citation: Climate and Traditional Knowledges Workgroup (CTKW). 2014. Guidelines for Considering Traditional Knowledges in Climate Change Initiatives. <a href="https://climatetkw.wordpress.com">https://climatetkw.wordpress.com</a>.

Download a brochure about the guidelines here: TKs Guidelines brochure



# Wo-hlklaw' Thank you



Joe Hostler

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# Wildfire Resilience – Returning to Our Roots: Emergency Response



November 5, 2019



# <u>2017</u>

January: Flood

October: Nuns-Tubbs Wildfires



# <u>2017</u>

January: Flood

October: Nuns-Tubbs Wildfires

# 2018

All year: Fire Recovery

November: Smoke



# 2017

January: Flood

October: Nuns-Tubbs Wildfires

# 2018

All year: Fire Recovery

November: Smoke

## 2019

February: Flood

June – Oct: Power Shutoffs

October: Kincade Wildfire



# 2020

January: Homeless Encampment

March+: COVID-19

August: LNU Fires / Power shutoffs

September: Glass Fire













# The

## Cong

#### Fraught awaits the Hill







# The Press Democrat

# Survivors say alert system failed them



Besidents who fail flames wouder ruley their phones soon silent

"The are time baseful this countly weeks! the - the being little wount seed.

Report contests

Trump

President. crossos a long-held boundary











# Evacuations





# Recovery



# Community Preparedness



# Politics & Money

- Elected Leadership Commitment
- Staff Development Program = 1%
- Emergency Manager 

  Director
- \$ = Expanded Department



# Questions/Discussion

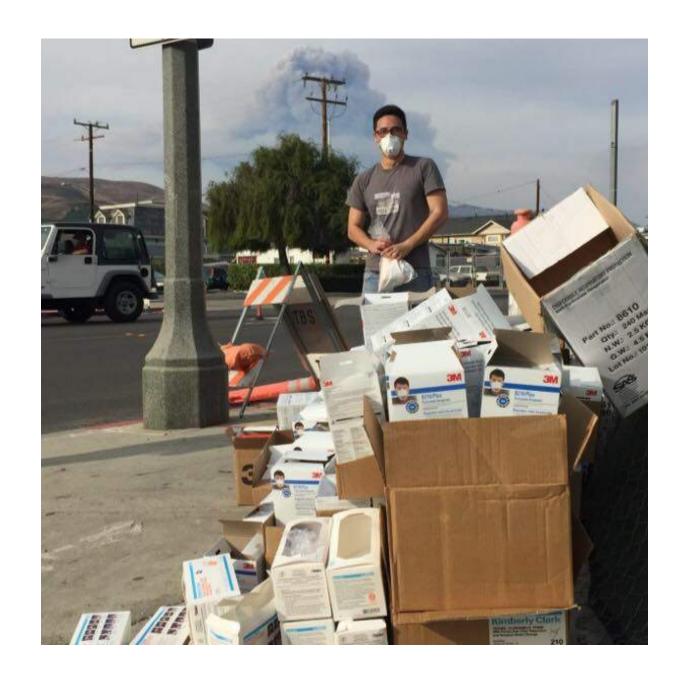




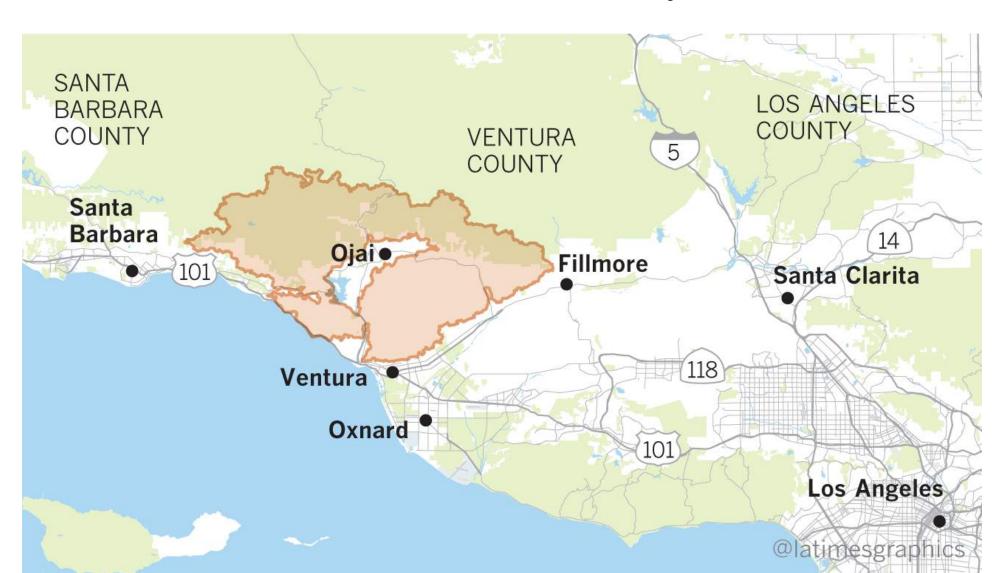
#### **Lucas Zucker**

Policy Director Central Coast Alliance United for a Sustainable Economy (CAUSE)





# At the time, the largest wildfire recorded in California history



# Language Access to Emergency Information

# Safe Drinking Water Access



# Air Quality During Wildfire



# Worker Impacts: Farmworkers



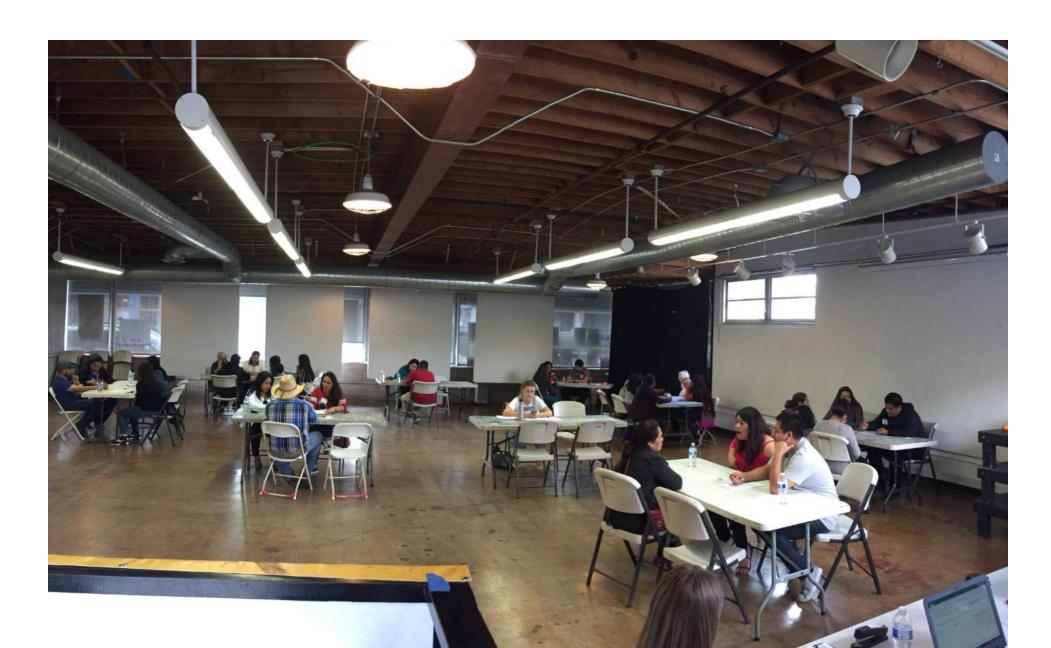
# Worker Impacts: Domestic and Service Workers



# Community orgs distribute 15k N95 masks



# Undocufund Clinics Distribute over \$2 Million



# Barriers to Accessing Mainstream Relief



# Lessons Learned: Limits of Climate Impact Mapping



# Lessons Learned: Thinking Beyond Property Values



# Lessons Learned: Existing Inequities are Disaster



# Systemic and Policy Change

- •AB 1877 Passed: Language access for emergency information
- •SB 160 Passed: Equity and inclusion in disaster planning and climate resilience planning
- •Cal/OSHA adopts outdoor worker wildfire smoke safety standards
- •Ventura County Spanish-speaking PIO and Mixteco language info from Farmworker Resource Program
- •State disaster relief funds for all regardless of immigration status
- •In progress: Ventura County text alert smoke warning for farmworkers

# CA Climate Action Team - Public Health Workgroup (CAT-PHWG) Protecting Communities from Wildfire Smoke

Please join the next CAT-PHWG Virtual Meeting

November 6, 2020 | 10:00 AM - 12:30 PM PT

Meeting will focus on ways to protect communities from the health impacts of wildfire smoke, and discuss guidance, resources, and recent health effects research

#### Speakers include:

- Brian Malig, OEHHA / CalEPA
- Stephanie Holm, UC San Francisco
- Rish Vaidyanathan, CDC

- Barbara Weller and Amy MacPherson, CARB
- Margo Robbins, Cultural Fire Management Council
- Armando Elenes, United Farm Workers

View meeting details and register here:

https://ww2.arb.ca.gov/resources/documents/climate-action-team-public-health-workgroup-meetings

Hosted by:







We are looking for community leaders from across California interested in advancing their community's vision for climate resilience and social equity!

Learn more at PartnersAdvancingClimateEquity.org

# Thank You!





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