

A Resilient Rancheria: Using Hazard Mitigation Plans to Centralize Information for Funding

- ▶ ASFPM 2019
- ▶ CHRISTINA MCDONALD, NORTH FORK RANCHERIA OF MONO INDIANS OF CALIFORNIA
- ▶ JAMIE CAPLAN, JAMIE CAPLAN CONSULTING
- ▶ CAROLINE CUNNINGHAM, STANTEC

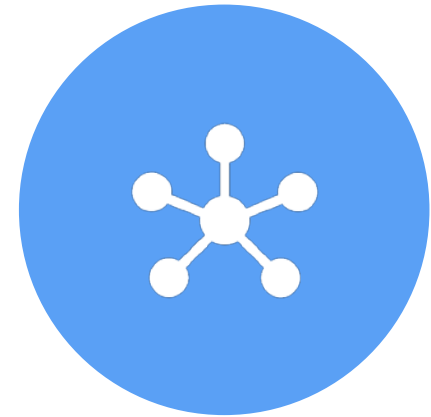
Introduction



CROSS AGENCY
COORDINATION



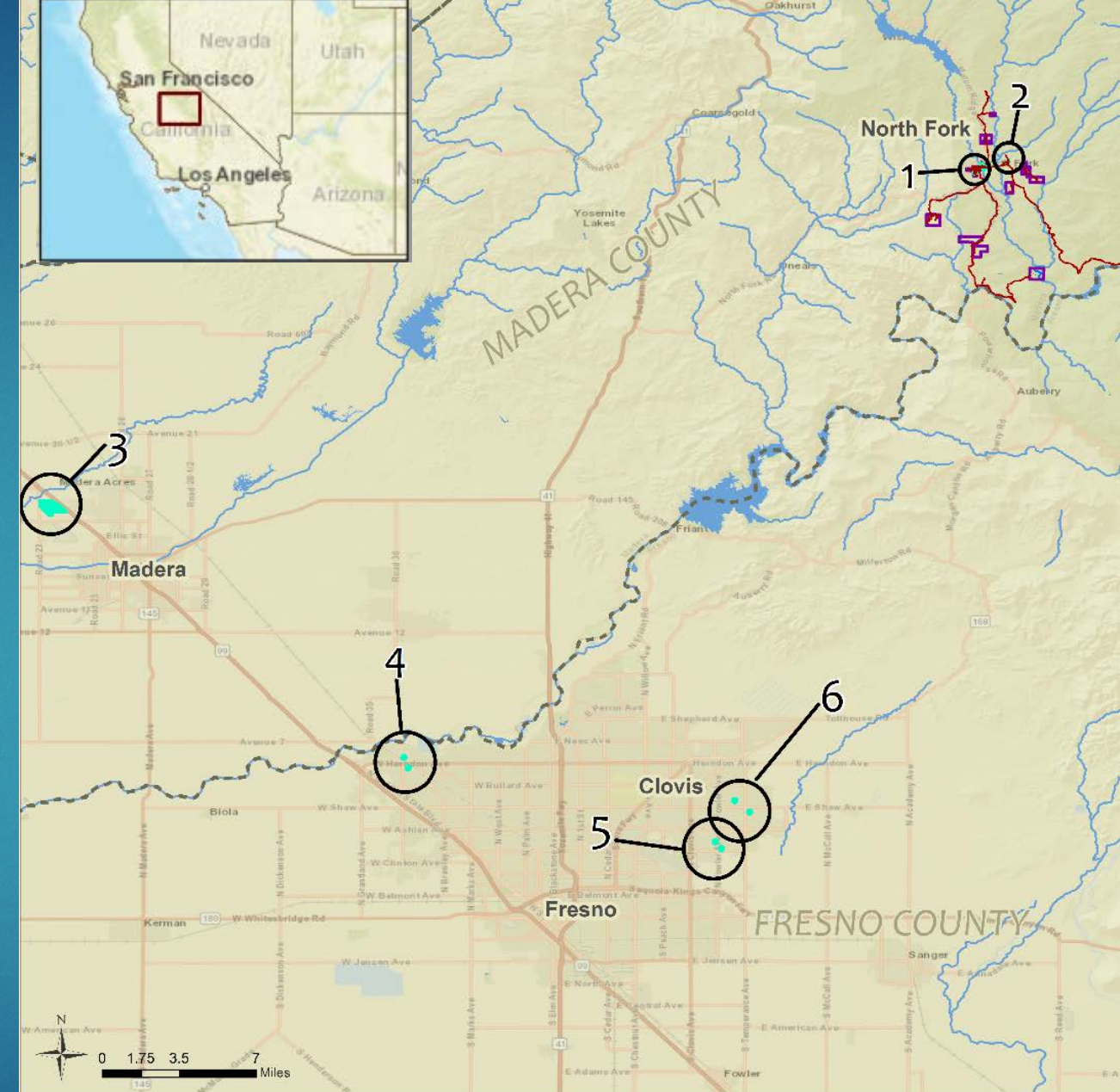
ACTIONABLE
MITIGATION MEASURES



CENTRALIZED
INFORMATION

North Fork Rancheria

- Location
- Population



NORTH FORK RANCHERIA 2018 Hazard Mitigation Plan

- Tribal Assets
- Tribally-Owned Roads
- Tribal Land Boundaries
- Areas with Clustered Assets

Disaster History in North Fork

- ▶ 2017 Mission Fire
- ▶ 2016 Fork Fire



Top Hazards

- ▶ Wildfire
- ▶ Pests, Insects, and Invasive Species (including tree mortality)
- ▶ Flood
- ▶ Extreme Winds
- ▶ Air Quality
- ▶ Drought



Cross-Agency Coordination



Stakeholder Engagement

North Fork Stakeholders



Engagement Opportunities



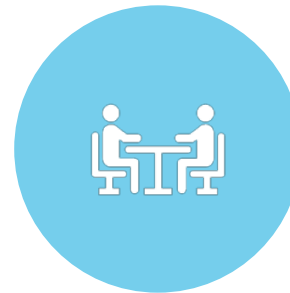
Meetings



Tours



Survey



Plan Review

Facilitating Engagement

NORTH FORK RANCHERIA OF MONO INDIANS OF CALIFORNIA

PUBLIC MEETING DISASTER MITIGATION

September 25, 2018

TANF Office

57911 Old Mill Site Center, North Fork
11:30 a.m. – 12:30 p.m.

The development of the North Fork Rancheria of Mono Indians of California Hazard Mitigation Plan is nearly complete. The plan is essential to the Tribe's efforts to identify ways to lessen the impacts of natural hazards such as wildfires, flooding, and windstorms.

During this public meeting, you will have the chance to review the whole plan, learn about the results of the risk analysis, and review the identified mitigation projects included in the plan. It is your opportunity to ask questions and learn about how this plan can make the North Fork community safer.

Your Participation is Needed!



The whole North Fork Community is encouraged to attend!

Wildfires, Floods and Windstorms

You don't have to be a tribal citizen to attend. All are welcome!

FOR MORE INFORMATION CONTACT
Christina McDonald, Environmental Director
North Fork Rancheria of Mono Indians of California
(559) 377-2461 x103 christina@nfrtribe.org

Food and Refreshments will be served.

Revised to comply with North Fork Rancheria of Mono Indians of California Indian Children Protection Ordinance
Adopted on October 11, 2017. Tribal Council approved 9/20/18.



North Fork Rancheria of Mono Indians
Hazard Mitigation Plan

FACT SHEET #2

The North Fork Rancheria of Mono Indians are developing a tribal hazard mitigation plan for approval by the Federal Emergency Management Agency. First and foremost, the mitigation plan will serve as an essential strategy for reducing current and future risks to natural hazards and improving the emergency preparedness of the entire community.

Federal Emergency Management Agency (FEMA) Requirements Met

Once approved by FEMA, the plan will make the Tribe eligible to apply for pre- and post-disaster mitigation project grant funding through FEMA's Hazard Mitigation Assistance (HMA) programs and other non-emergency disaster assistance. This eligibility is critical to enable the Tribe to leverage outside funding sources for the implementation of hazard mitigation measures, both before and after a disaster. Jamie Caplan Consulting LLC (JCC) is leading the planning effort on behalf of North Fork Rancheria of Mono Indians of California.

Tribal Pre-Disaster Mitigation Team (TPMT)

A Tribal Pre-Disaster Mitigation Team will be developed to assist with the planning effort. This team consists of tribal department heads, tribal business representatives, first responders and representatives from local and regional organizations such as Madera County. The TPMT will meet three times during the planning process; their knowledge and participation is critical to the success of the project. The TPMT meetings will allow for valuable input from these stakeholders and will keep them apprised of the project.

Planning Team Members

- North Fork Rancheria of Mono Indians
- American Red Cross
- California Department of Forestry and Fire Protection (CALFIRE)
- California Governor's Office of Emergency Services (CalOES)
- California Highway Patrol
- Fresno County Sheriff's Office
- Madera County Board of Supervisors
- Madera County Sheriff's Office
- Pacific Gas & Electric (PG&E)



Planning Team Meeting.

Public Opinion Survey

A Natural Hazards Preparedness Questionnaire is available for the North Fork Rancheria community. Already 100 surveys have been completed! The information provided on the survey will help the JCC Team and the TPMT to better understand what hazards are of most concern and what mitigation actions are of interest to the community. Hard copies of the survey are available in Tribal buildings and online at <https://www.surveymonkey.com/r/northforktribe>.

Asset Geodatabase



Site tour



Mobile data collection (ESRI Collector App)



Collected:

Buildings

Cultural resources

Critical facilities

Future assets



Further refined

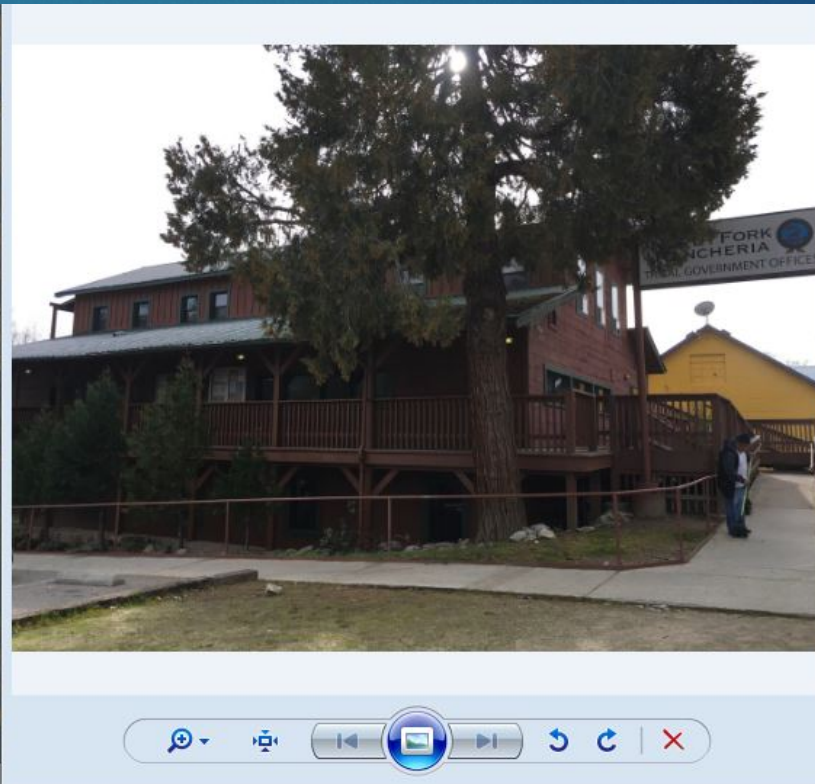
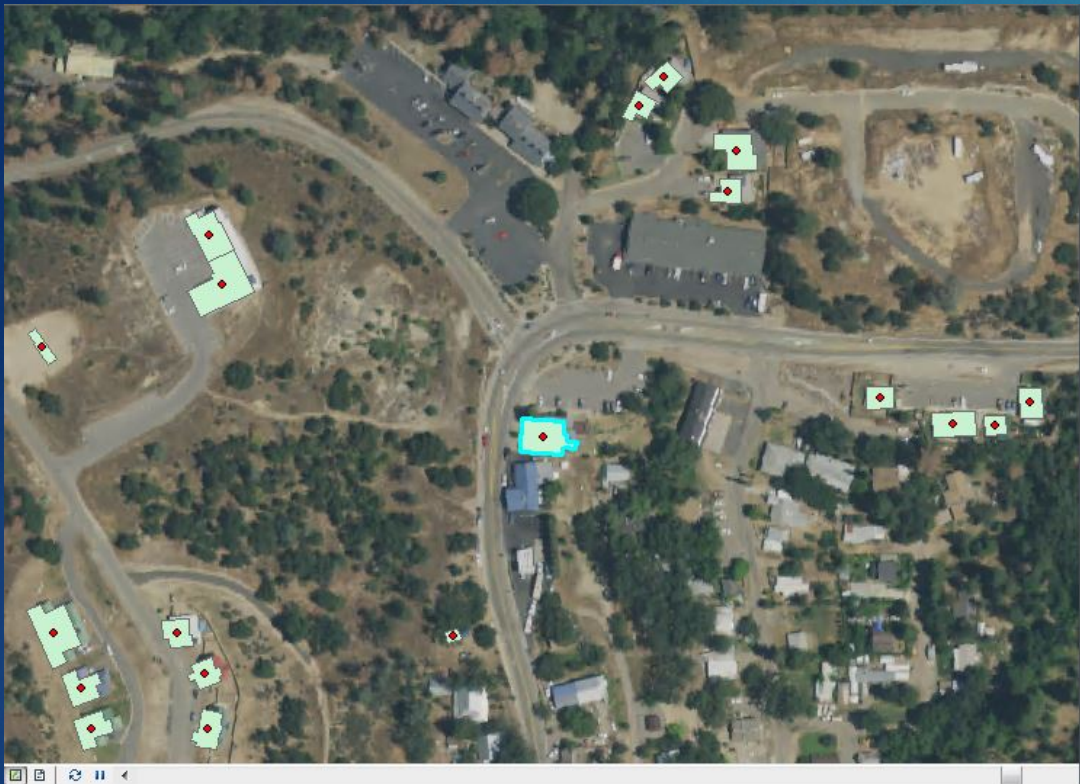
Parcels

Building Costs

Asset information

Roads

Asset Geodatabase



Table

North_Fork_Assets

Name	Occupancy	Latitude *	Longitude	Cost	ContentCost	NumStories	Area	BldgType	FoundationType	RoofType	eqBldgType
Family Wellness Youth Center	GOV1 - General Services	37.229843	-119.511208	564302	564302	1	2313	Wood Building	Slab on Grade	Metal	Wood, Greater than 5,000 sqft
Housing Services Building	GOV1 - General Services	37.23167	-119.491525	896530	896530	1	3553	Wood Building	Slab on Grade	Metal	Wood, Light Frame
Madera County Fire Station 11	GOV2 - Emergency Response	37.232983	-119.491551	1059023	1588534	1	3200	Steel Building	Slab on Grade	Metal	Steel Light Frame
Manzanita Plaza/Tribal Govt Offices	GOV1 - General Services	37.229003	-119.509504	1217403	1217403	3	6354	Wood Building	Basement/Garden Level	Metal	Wood, Greater than 5,000 sqft
Residence	RES3A - Duplex	37.228219	-119.512027	448434	224217	1	2104	Wood Building	Slab on Grade	Metal	Wood, Light Frame
Residence	RES1 - Single Family Dwelling	37.227316	-119.511157	238513	119256	2	1868	Wood Building	Basement/Garden Level	Metal	Wood, Light Frame
Residence	RES1 - Single Family Dwelling	37.227993	-119.511891	190880	95440	1	1052	Wood Building	Slab on Grade	Metal	Wood, Light Frame
Residence	RES1 - Single Family Dwelling	37.227822	-119.511839	199001	99500	1	1052	Wood Building	Slab on Grade	Metal	Wood, Light Frame
Residence	RES1 - Single Family Dwelling	37.228213	-119.511396	308903	4452	2	1525	Wood Building	Basement/Garden Level	Metal	Wood, Light Frame
Residence	RES1 - Single Family Dwelling	37.228047	-119.511254	223552	1776	2	1503	Wood Building	Basement/Garden Level	Metal	Wood, Light Frame
Residence	RES1 - Single Family Dwelling	37.227815	-119.511243	271690	5845	2	1860	Wood Building	Basement/Garden Level	Metal	Wood, Light Frame

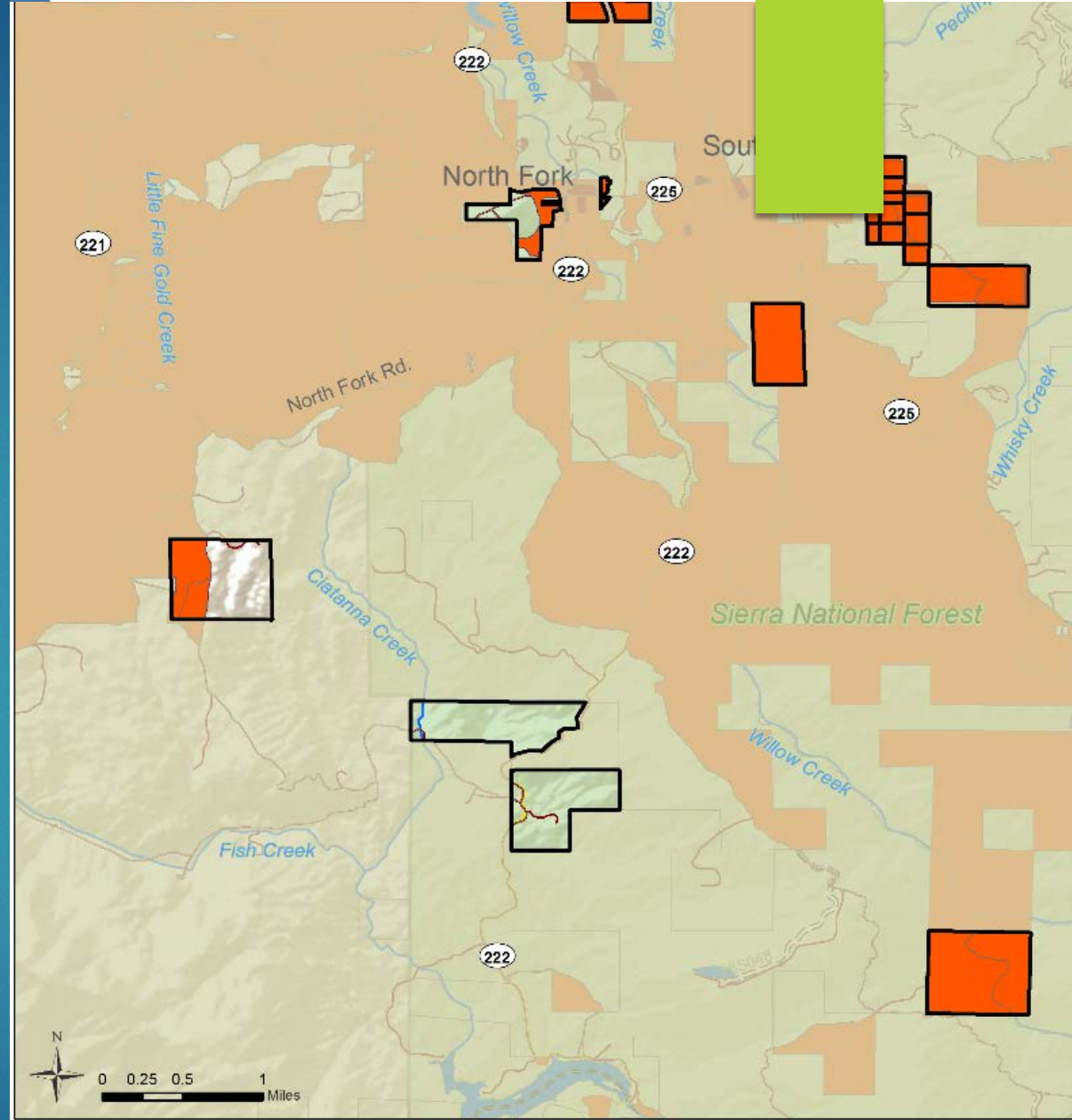
Asset Database In Action

Real-time response

- ▶ 2018 Wildfire
- ▶ Quickly produced maps to guide response efforts

Future uses

- ▶ Update with new info/assets
- ▶ Grant support
- ▶ Mapping
- ▶ Disaster response/recovery



NORTH FORK RANCHERIA

2017 Hazard Mitigation Plan

- Wildland Urban Intermix
- Wildland Urban Interface
- North Fork Rancheria Boundary

Actionable Mitigation Measures

Mitigation Goals



Cultural Assets



Regional
Collaboration,
Communication and
Planning



Community
Education and
Outreach



High Risk Hazards:
Wildfire, Extreme
Wind, Flood



Roads and
Infrastructure



Future development
and Regulations

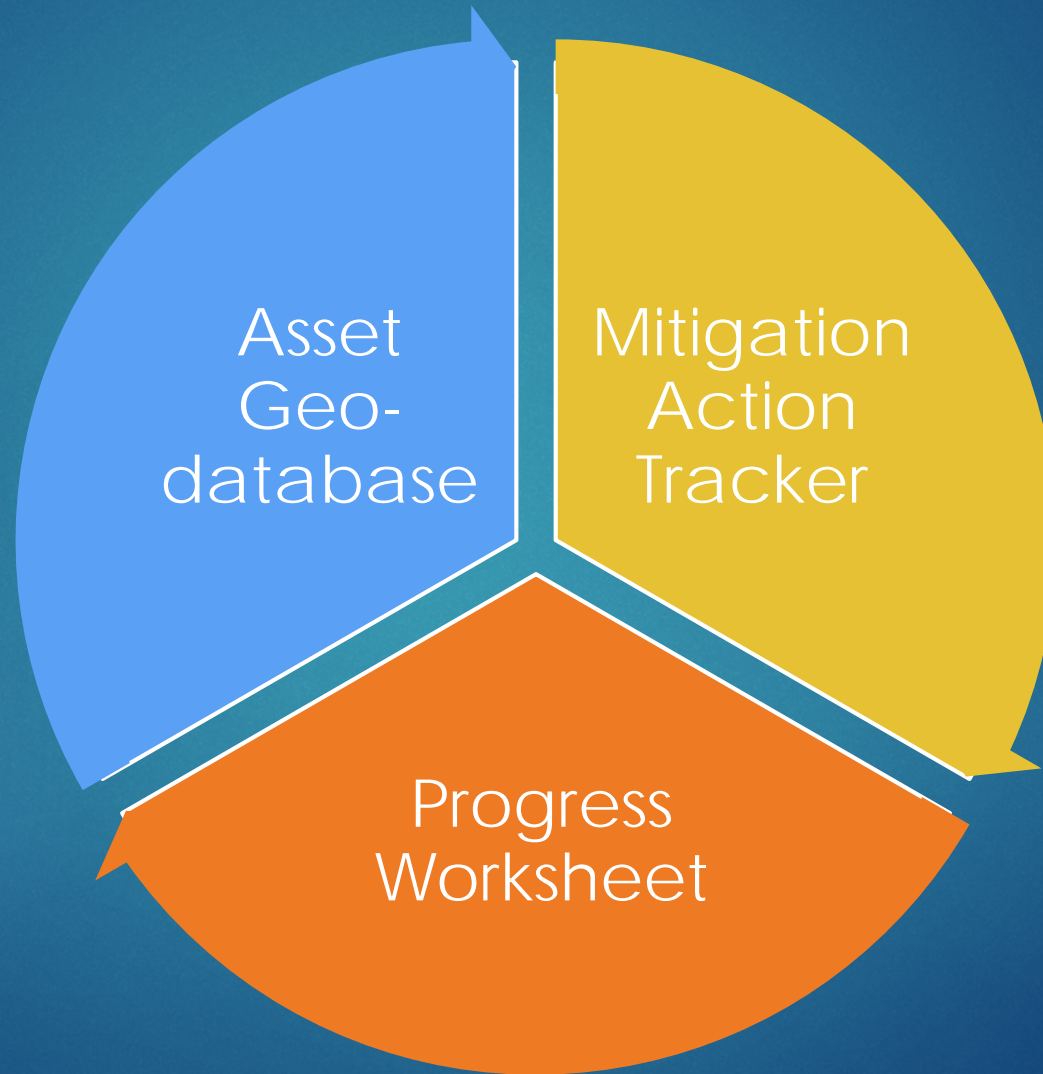
Mitigation Actions – Action Tracker

1.1	Harden the Sierra Mono Museum to prevent damage from natural hazards and protect cultural artifacts.	
HIGH	Action Description	Harden the museum with building materials resistant to wildfire and other hazards. Objects held in the museum are utilitarian, sacred, ceremonial, and significant to the tribe's history. Many objects are rare to see outside of family collections, and protection and preservation of the objects is a priority. Recent wildfires have impacted the area and the objects in the museum are at risk.
	Lead Department	Tribal Government
	Partners	Sierra Mono Museum
	Cost	High
	Funding Sources	FEMA; Forest Service
	Hazards	Earthquake; Extreme Winds; Flood; Landslides; Lightning; Tornadoes; Volcanoes; Wildfire;
	Implementation Schedule	January 2019 - October 2020

Mitigation Action Progress Worksheet (1.4)			
Progress Report Period	0		0
Project Goal	Identify and protect cultural assets from natural hazards and a changing climate.		
Action Title	Archive and backup sensitive documents (1.4)		
Action Description	Conduct a gap analysis to identify which documents are preserved and which need back-up. Then archive and back-up all necessary documents. Sensitive documents may include all proprietary information associated with tribal governance and culture. Including tribal enrollment information, archaeological site records, land acquisitions, etc.		
Responsible Department	Administration and IT		
Project Cost	Low		
Contact Name	0	Contact Email/Phone	0
Project Status			
Date of Project Approval	0	Date of Project Start	0
Anticipated Date of Completion	0	Project Cancelled	0
Project Delayed	0	Explanation of Delay/Cost Overruns	0
Project Report Summary			
What was accomplished	0		
What obstacles were encountered	0		
Plans for the next period	0		

Progress Worksheet

Centralized Information - Actionable



Continued Stakeholder Engagement

- ▶ Webpage
- ▶ Social Media
- ▶ Press Releases to local and regional news outlets
- ▶ Biannual Meetings
- ▶ Participate in regional emergency management meetings and tribal specific emergency management meetings
- ▶ Engage County leaders regarding mitigation issues



Concluding Thoughts

Since Plan
Approval
and
Adoption



Thank You

- ▶ Christina McDonald, North Fork Rancheria of Mono Indians of California
 - ▶ 559-877-2461,
cmcdonald@northforkrancheria-nsn.gov
- ▶ Jamie Caplan, Jamie Caplan Consulting
 - ▶ 413-586-0867, Jamie@jamiecaplan.com
- ▶ Caroline Cunningham, Stantec
 - ▶ 919-532-2320,
caroline.Cunningham@Stantec.com