# Appendix

Appendix A. Planning Process Supporting Materials

Hazard Mitigation Plan Update, Pala Band Of AVA ENVRONMENT AS DEPARTMENT PALA BAND OF MISSION INDIANS PMB 50, 35008 Pala Temecula Road | Pala, CA 92059 Phone 760-891-3510 | ped.palatribe.com Pala Environmental Department Advisory Group Formation Memos

## MEMORANDUM

DATE: JANUARY 31, 2020

TO: ROBERT SMITH, CHAIRMAN

**FROM:** SHASTA GAUGHEN, DIRECTOR

RE: PED ADVISORY GROUP

Several of PED's current grant projects require the formation of an environmental advisory group to gather feedback about project goals and outcomes. Rather than form several different advisory groups, I would like to form a single PED Advisory Group (PEDAG) that will be responsible for providing input and advice on environmental projects such as Planet Pala, our upcoming hazard mitigation plan update, work on flood mitigation, the new environmental and utilities codes, etc. The proposed membership of the group includes:

- 1. Shasta Gaughen, PED Director
- 2. Steve Eagleton, Pala Utilities Director
- 3. Joe Nejo, Pala Tribal Services Director
- 4. Anthony Ravago, Pala Fire Chief (or designee)
- 5. Doretta Musick, Pala Learning Center Director
- 6. Ann Trujillo, Pala Housing Director
- 7. Matthew Deveney, Pala GIS
- 8. Bob Halsted, Pala Casino (or designee)
- 9. Eric Ortega, Pala community member
- 10. Chris Nejo, Pala community member

With your direction, I would like to assign these individuals to the PEDAG as part of their job duties. The group would meet no more than once a month to discuss relevant issues. I would like the direction to come from you since I don't have authority to require participation in the group. I can develop a memo for your signature. Please let me know if you'd like to discuss. Thank you.

## MEMORANDUM

DATE: FEBRUARY 6, 2020

TO: PALA ENVIRONMENTAL DEPARTMENT ADVISORY GROUP (PEDAG)

**FROM:** SHASTA GAUGHEN, DIRECTOR

CC: ROBERT SMITH, CHAIRMAN

RE: PEDAG PARTICIPATION

Chairman Smith is directing the departments/individuals listed below to participate in the Pala Environmental Department Advisory Group (PEDAG). Either you or your designee must take part. This group is necessary to advise the Pala Environmental Department (PED) on several grant-funded project activities, including updates to the Pala Hazard Mitigation Plan (HMP), draft environmental and utilities codes, Planet Pala, and other environment-related projects as necessary. PEDAG will meet once a month, starting on <u>Thursday, February 20</u>, which is when we are having our first HMP update meeting with our consultant. Please let me know if you have questions, and thank you for your help.

- 1. Steve Eagleton, Pala Utilities Director
- 2. Joe Nejo, Pala Tribal Services Director
- 3. Anthony Ravago, Pala Fire Chief
- 4. Doretta Musick, Pala Learning Center Director
- 5. Ann Trujillo, Pala Housing Director
- 6. Matthew Deveney, Pala GIS
- 7. Bob Halsted, Pala Casino
- 8. Eric Ortega, Pala community member
- 9. Chris Nejo, Pala community member

#### December 2019 Kick-off Meeting



#### February 2020 PEDAG Meeting

Name	Department
David Hirai	Kisk Managent Vala Carino
Tim Ravago	Pala TLE Chief
James Gillon	Covert Sufety Pala Cosine
Heidi Brow	Pala Env. Dept
Sharth Gaughen	Pala Environmental Dept
MANT DEVENER	PALAGIS
Chris Nejo	Admin
Bb Helsted	Como Facilites
Annaler Trupillo	Howing
Joe Nejo	Tribul Service's
Dug Monikoty	PFD
FVE Eggletan	Pala UTilities
Eric Ortega	Rea Radio
Cric Orrega	JCC - Consultant
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#### July 2020 PEDAG Meeting



PALA ENVIRONMENTAL DEPARTMENT PALA BAND OF MISSION INDIANS PMB 50, 35008 Pala Temecula Road | Pala, CA 92059 Phone 760-891-3510 | ped.palatribe.com

#### Pala Environmental Department Advisory Group Hazard Mitigation Planning Meeting July 17, 2020

#### Agenda

- Project Timeline
  - o Public Meetings
- Hazards and Risk Assessment
- Mitigation Plan Goal Statement Review
- Mitigation Action Identification and Review
  - o Review of Previous Mitigation Actions
  - Mitigating Risk to Critical Facilities
  - $\circ$   $\,$  Mitigating Risk to all Hazards  $\,$
- Next Steps

July 17, 2020 - zoom meeting					
Name	Email Address	Agency / Affiliation			
Shasta Gaughen	sgaughen@palatribe.com	Pala Environmental Department			
Kurt Broz	kbroz@palatribe.com	Pala Environmental Department			
Heidi Brow	hbrow@palatribe.com	Pala Environmental Department			
Tony Ravago	aravago@palatribe.com	Pala Tribal Council / Pala Fire Department			
Chris Nejo	cnejo@palatribe.com	Pala Administration			
Robert Halsted	rhalsted@palacasino.com	Pala Casino Facilities			
Joe Nejo	jnejo@palatribe.com	Pala Tribal Services			
Doretta Musick	dmusick@palatribe.com	Pala Learning/Youth Center			
Ann Trujillo	atrujillo@palatribe.com	Pala Housing Department			
Eric Ortega	eortega@palatribe.com	Pala Rez Radio			
Jamie Caplan	n/a	[contractor]			

#### Pala Environmental Dept. Advisory Group - Hazard Mitigation Planning Meeting Sign-In Sheet

#### August 2020 PEDAG Meeting



PALA ENVIRONMENTAL DEPARTMENT PALA BAND OF MISSION INDIANS PMB 50, 35008 Pala Temecula Road | Pala, CA 92059 Phone 760-891-3510 | ped.palatribe.com

Pala Environmental Department Advisory Group Hazard Mitigation Planning Meeting August 20, 2020

#### Agenda

- Project Timeline Update
- Public Engagement Update
- Hazards and Risk Assessment Update
- Mitigation Plan Goal Statement Review
- Mitigation Action Discussion
- Next Steps

1

Name	Email Address	Agency / Affiliation
Shasta Gaughen	sgaughen@palatribe.com_	Pala Environmental Department
Heidi Brow	hbrow@palatribe.com	Pala Environmental Department
Kurt Broz	kbroz@palatribe.com	Pala Environmental Department
Chris Nejo	cnejo@palatribe.com_	Pala Administration
Tony Ravago	aravaqo@palatribe.com	Pala Tribal Council / Pala Fire Dept.
Bob Halsted	rhalsted@palacasino.com	Pala Casino Facilities
Ann Trujillo	atrujillo@palatribe.com_	Pala Housing Department
Matt Deveney	mdeveney@palatribe.com	Pala GIS Department
Jamie Caplan	n/a	contractor
Carolina Cunningham	n/a	contractor
Christina	n/a	contractor

#### Pala Environmental Dept. Advisory Group - Hazard Mitigation Planning Meeting, August Sign-In Sheet August 20, 2020 [zoom meeting]

Public Survey Outreach Flyer

PALA ENVIRONMENTAL DEPARTMENT & PALA BAND OF MISSION INDIANS

# DISASTER MITIGATION SURVEY

HELP US BY SHARING YOUR IDEAS FOR REDUCING RISK ON THE PALA RESERVATION.

GET INVOLVED TO MAKE PALA SAFER.

#### HELP US PREPARE FOR POWER OUTAGES, WILDFIRES, FLOODING, EXTREME HEAT, DROUGHT, PANDEMICS, AND MORE.

HTTPS://WWW.SURVEYMONKEY.COM/R/PALADISASTER

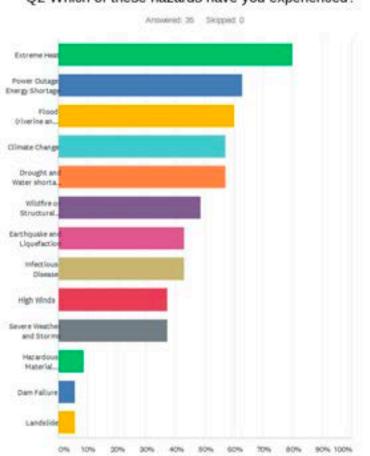
GO TO OUR WEBSITE FOR MORE INFORMATION. HTTP://PED.PALATRIBE.COM





#### Public Survey Results

Pala Public Preparedness Survey



Q2 Which of these hazards have you experienced?

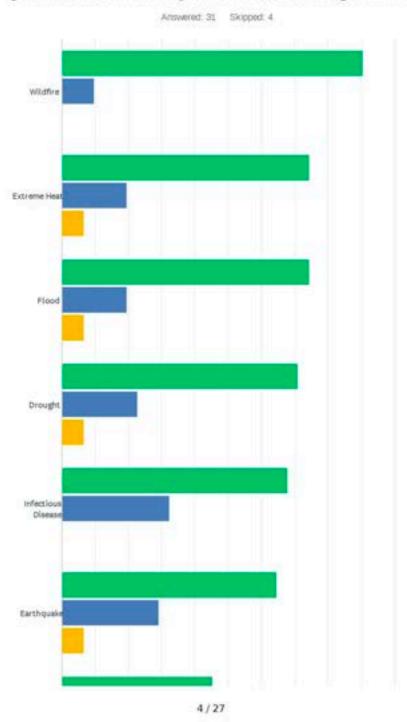


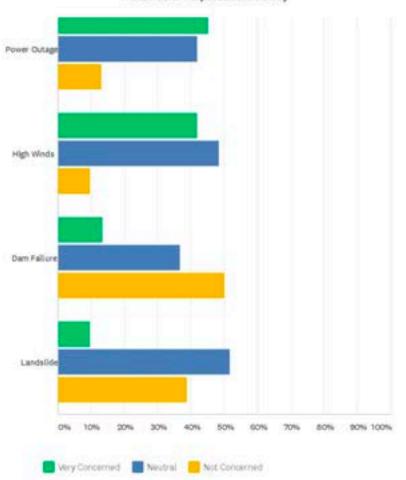
#### Pala Public Preparedness Survey

ANSWE	ER CHOICES	RESPONSES	
Extreme	e Heat	80.00%	28
Power of	Sutage, Energy Shortage	62.06%	22
Flood (riverine and flash flooding)		60.00%	21
Climate Change		57.14%	20
Drought	and Water shortages	57.14%	20
Widfire	or Structural Fires	48.57%	17
Earthquake and Liquefaction		42.86%	15
Infectious Disease		42.06%	15
High W	indis	37.14%	13
Severe	Weather and Storms	37.14%	13
Hazardo	ous Material Incidents	8.57%	3
Dam Fa	silure	5.71%	2
Landslid	50	5.71%	2
Total Re	espondents: 35		
	OTHER (PLEASE SPECIFY)	DATE	
	There are no responses.		

Pala Public Preparedness Survey

## Q3 How concerned are you about the following hazards?





Pala Public Preparedness Survey

	VERY CONCERNED	NEUTRAL	NOT CONCERNED	TOTAL
Midfire	90.32% 28	9.69% 3	0.00% 0	3
Extreme Heat	74.19% 23	19.35% 6	6.45% 2	3
Flood	74.19% 23	19.35% 6	6.45% 2	3
Drought	70,97% 22	22.50% 7	6.45% 2	з
nfectious Disease	67.74% 21	32.26% 10	0.00%	з
Earthquake	64.52% 20	29.03% 9	6.45% 2	3
Power Outlige	45.1 <i>0</i> % 14	41.94% 13	12.90% 4	3
High Winds	41.94% 13	48.39% 15	9.69% 3	з
Dem Failure	13.39% 4	36.67% 11	50.00% 15	3
andslide	9.68% 3	51.61% 16	38.71% 12	3

#### Pala Public Preparedness Survey

Pala Public Preparedness Survey

Q4 What areas of the reservation are most susceptible to the impacts of the above list of hazards? Please be as specific as possible by listing exact location and impacts.

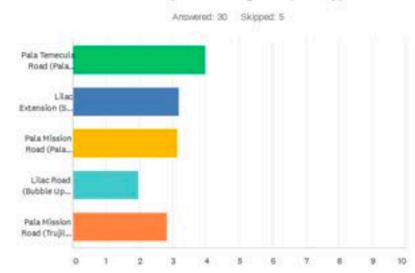
Answered: 25 Skipped: 10

#### Pala Public Preparedness Survey

	RESPONSES	DATE
1	All 9 tribal consortium	9/16/2020 11:41 AM
2	across the river	9/14/2020 2:52 PM
3	The whole reservation, but I feel that the houses across the river are more vulnerable.	9/14/2020 1:15 PM
4	Pala Temecula grade, Highway 76 (going east).	9/14/2020 1:12 PM
5	ALL	9/8/2020 9:48 AM
6	Henderson Road	9/4/2020 4:34 PM
7	Flooding-Bottom of the grade as entering into Pala. Most times when its raining staff from Temecula are unable to get through. It also floods by Admin, pala temecula rd, and many other spots.	9/3/2020 6:03 PM
8	The whole reservation for wildfire, high winds, drought and earthquake. Flooding in the new housing track at the Oaks as well as Moro rd.	9/3/2020 5:19 PM
9	Oaks housing track/ Henderson rd	9/3/2020 4:51 PM
10	Floods - Henderson Rd/ Top of Michac Lane	9/3/2020 4:42 PM
11	flooding on Henderson rd. Most of the dips in pala.	9/3/2020 4:28 PM
12	Mountains, wild fine	9/3/2020 4:18 PM
13	The entire reservation can be susceptible, to droughts, earthquakes, extreme heat, flooding, high winds, infectious diseases, power outages, and wildfires.	9/3/2020 4:18 PM
14	Sycamore	9/1/2020 9:27 PM
15	All structures in the flood plain. The entire reservation due to drought, fire, flooding, disease, and climate change.	9/1/2020 12:56 PM
16	All areas: infectious disease, wildfire, drought. South of Hwy 76: flooding and high winds	8/29/2020 2:14 PM
17	big islands in the north	6/26/2020 11:42 AM
18	I would say all of the areas of the reservation, including across south of the river	8/27/2020 4:12 PM
19	All buildings/home along in the flood plain. The entire reservation due to wild fire, extreme heat, and drought.	7/20/2020 11:30 AM
20	Low lying homes and homes in flood zone Homes without fire breaks or neighboring high brush areas	7/16/2020 9:34 AM
21	Not sure, wild fire seems to be an issue as there have been several wildfires in the areas around Pala in the past few years	7/2/2020 12:14 AM
22	Low areas & places & hones that have been built in flood & area's	6/30/2020 6:58 PM
23	Lilac Road	6/29/2020 6:49 PM
24	the north for wild land fires coming out of the east being wind driven. Residential flooding on the Southside of hwy 76 during heavy rains, which has been an issue for many years and the tribe has done nothing to correct the issue!	6/29/2020 12:45 PM
25	Everyone in Pala. There's only 3 ways in and out safely! When it floods all escape routes are	6/24/2020 6:42 PM

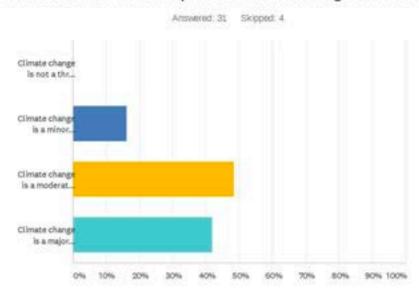
Pala Public Preparedness Survey

Q5 The following is a list of Arizona (low water) crossings that flood and cause road closures. Please rank them in priority order for which should be fixed first (1 is the highest priority).



	1	2	3	4	6	TOTAL	SCORE
Pala Temecula Road (Pala Creek)	55.17% 16	17.24% 5	6.90% 2	10.34% 3	10.34% 3	29	3.97
Lilec Extension (San Luis Rey River)	26.67% B	16.67% 5	13.33% 4	33.33% 10	10.00% 3	30	3.17
Pala Mission Road (Pala Creek)	13.79% 4	34.48% 10	20.69% 6	13.79% 4	17.24% 5	29	3.14
Lilac Road (Bubble Up Creek)	3.45% 1	6.90% 2	20.69% 6	20.69% 6	48.28% 14	29	1.97
Pala Mission Road (Trujillo Creek)	3.45% 1	24.14% 7	37.93% 11	20.69% 6	13.79% 4	29	2.83

Pala Public Preparedness Survey

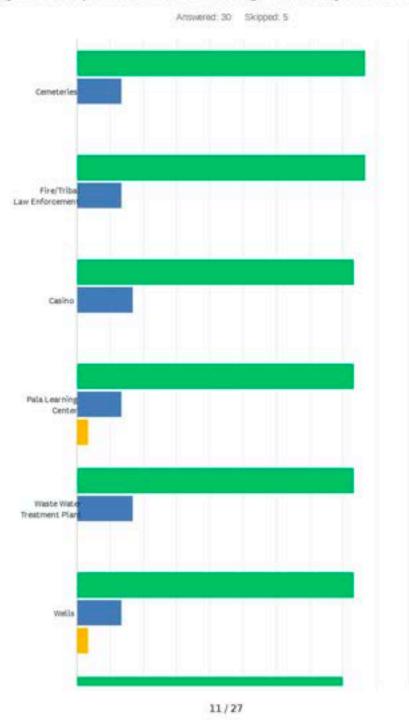


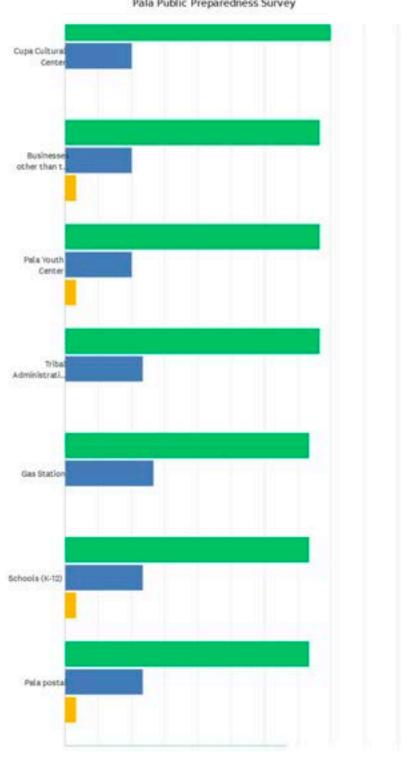
#### Q6 How should the Tribe respond to climate change and its impacts?

ANSWER CHOICES	RESPONSE	
Climate change is not a threat to the reservation, so we don't need to plan for it.	0.00%	0
Climate change is a minor threat to the reservation, so it should be a part of general plans.	16.13%	5
Climate change is a moderate threat to the reservation, so we should address those threats.	48.39%	15
Climate change is a major threat to the reservation, so we should have specific plans to address its impact.	41.94%	13
Total Respondents: 31		

Pala Public Preparedness Survey

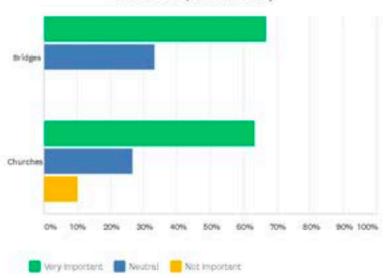
#### Q7 How important are the following community assets to you?





Pala Public Preparedness Survey

12/27



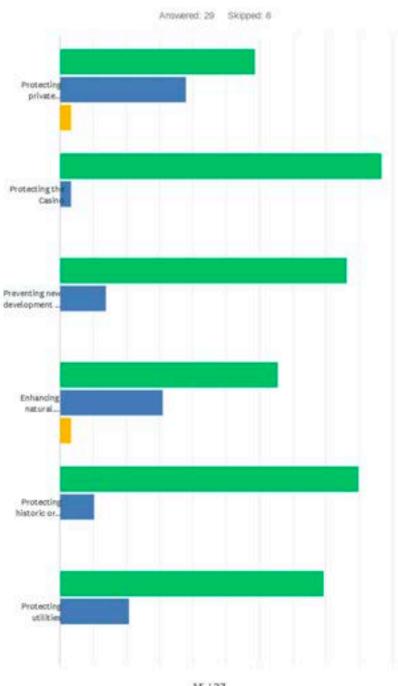
Pala Public Preparedness Survey

		VERY IMPORTANT	NEUTRAL	NOT IMPORTANT	TOTAL
Cemeteri	05	88.67%	13.33%	0.00%	
		25	4	0	3
Fire/Tribe	al Law Enforcement	85.67%	13.33%	0.00%	
		26	4	0	3
Casino		83.33%	16.67%	0.00%	
		25	5	0	3
Pala Lea	ming Center	83.33%	13.33%	3.39%	
		25		1	3
Waste W	ater Treatment Plant	83.33%	16.67%	0.00%	
		25	5	0	3
Wells		83.33%	13.33%	3.39%	
		25	4	1	3
Cupa Cui	tural Center	80.00%	20.00%	0.00%	
And the sea		24	6	0	3
Business	ses other than the Casino	76.67%	20.00%	3.39%	
Louise News	No contra presi pre George	23	6	1	
Dala Yes	th Contor	76.67%	20.00%	3.39%	
Pala Youth Center		23	6	1	3
Tribal Art	ministration Complex	76.67%	23 37%	0.00%	
TIDE AU	minisolabon Complex	23	23.33%	0.00%	3
Gas Stat	Los:	73.39%	26.67%	0.00%	
0.03 5484	Jun	22	20.0/19	0.00%	1
	A				-
Schools	(K-12)	73,33%	23.33%	3.33%	33
211111	10			- and the second se	
Pala pos	tal	73.33%	23.33%	3.39%	3
Bridges		66.67% 20	33.39%	0.00%	3
		20	10	0	9
Churches	1	63.33%	26.67%	10.00%	5
		19	8	3	3
	OTHER (PLEASE SPECIF	Y)		DATE	
1	end contraction and provide the strength	All of the Pala Band of Mission Indians Housing under management, community homes, and			20 PM
	Tribal Members Businesse	s All of our Tribal Members and cor	munity members.	served, tena terargozol 4.	event.
2		ortance but if I am having a heart at ple want to put food on the table our			18 PM
3	Pala Mission Catholic Church: the area called the Village				13 PM

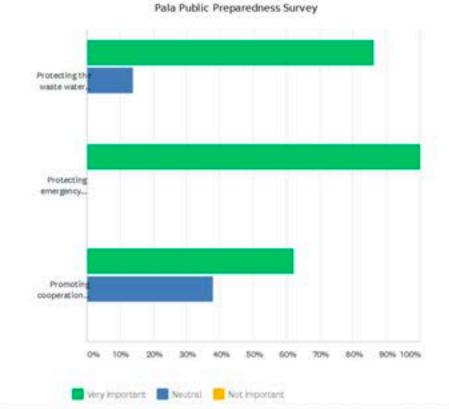
#### Pala Public Preparedness Survey

Pala Public Preparedness Survey

Q8 Let us know your priorities for the Tribe regarding planning for natural hazards.







NEUTRAL TOTAL VERY NOT IMPORTANT IMPORTANT Protecting private property 58.62% 37.93% 3.45% 11 29 17 1 Protecting the Casino 06.55% 3.45% 0.00% 28 0 29 1 Preventing new development in high hazard areas 85.21% 13,79% 0.00% 29 25 4 0 Enhancing natural environment 65.52% 31.03% 3.45% 19 9 1 29 Protecting historic or cultural resources 89.60% 10.34% 0.00% 29 26 3 0 Protecting utilities 79.31% 20.69% 0.00% 23 6 0 29 Protecting the waste water treatment plant 85.21% 13,79% 0.00% 0 29 25 -4 Protecting emergency services (fire, police, and ambulance.) 100.00% 0.00% 0,00% 29 0 0 29 62.07% Promoting cooperation among public agencies, citizens, non-profit. 37.93% 0.00% 29 organizations, and businesses 18 11 0

Pala Public Preparedness Survey

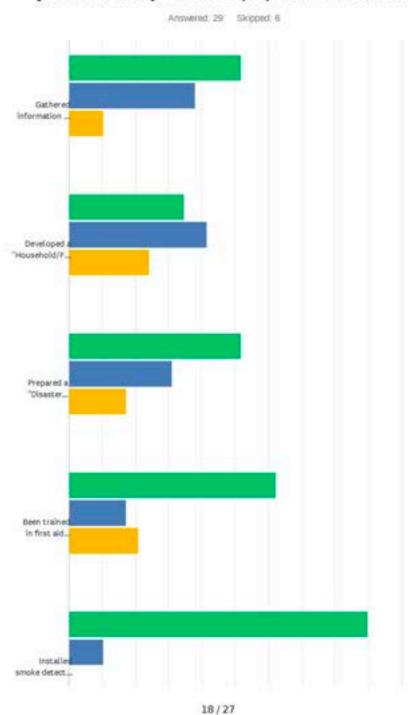
# Q9 In your opinion, what are some actions that the Tribe could take to reduce or eliminate the risk of future natural hazard damages in your community?

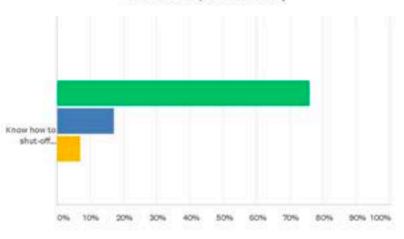
Answered: 13 Skipped: 22

#	RESPONSES	DATE
1	Have a plan and designated personal to be called to action when a disaster hits.	9/16/2020 11:43 AM
2	Pave the roads in the main village and across the river, and make sure to maintain the fire breaks around the perimeters of the reservation.	9/14/2020 1:19 PM
3	Create long term village infrastructure planning. Roads, bridges, underground power-lines. The reservation has evolved with band-aid style planning. There is a shooting range in a residential area, homes are built in flood areas without flood mitigation, etc. Pala roads don't have bridges and we can get trapped in the village, etc. Business, and utilities are patchwork into residential areas.	9/14/2020 1:18 PM
4	Create underground catch basin off the mountain on the side of the mines.	9/3/2020 4:36 PM
5	Environmental codes will help by assessing our flood areas, residential areas. Mandating residents to maintain their yards and property free of debris and hazards wastes. A Tribal Plan and Community Plan with short term and long term goals.	9/3/2020 4:24 PM
6	Preparedness plan!	9/3/2020 4:20 PM
7	We need ordinances and enforcement of those ordinances with regard to fire safety. Brush needs to be cleared. Land with discarded vehicles, trailers, & junk need to be cleared. The safety of all the homes around such lots are at greater risk no matter how hard they work to keep their property low risk. Land that is non-compliant and out of trust needs to be referred to county offices and they need to take action. An ounce of prevention is worth more than a pound of cure.	8/29/2020 2:28 PM
8	conduct community meetings to educate community members how to respond to specific emergencies	8/27/2020 4:23 PM
9	Having a emergency plan in place and supplying tribal members with first aid and emergency kit.	7/17/2020 4:05 PM
10	Stop the problem from the source	7/16/2020 9:36 AM
11	Come up with a plan and identify risks, disseminate to tribal members, ask for volunteers who are willing to help-safety marshalls, and how communications will be made	7/2/2020 12:17 AM
12	be more pro active and correct the known issues at hand to prevent further damage.	6/29/2020 12:50 PM
13	Properly do the roads and divert the run off from the mountains into a water catch. More brush burning to prevent the spread of fire. Early detection and warning.	6/24/2020 6:45 PM

Pala Public Preparedness Survey

#### Q10 What have you done to prepare for a disaster?





🗧 Have Done 📲 Plan to Do. 📒 Not Done 📲 Unable to Do

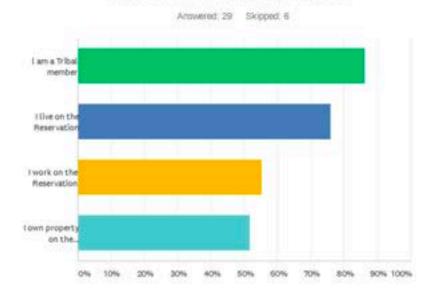
Pala Public Preparedness Survey

HAVE DONE PLAN TO DO NOT DONE UNABLE TO DO TOTAL Gathered information on emergency preparedness. 37.93% 10.34% 0.00% 51,72% 0 29 15 11 3 Developed a "Household/Family Emergency Plan." 34.48% 41.39% 24.14% 0.00% 10 12 7 0 29 Prepared a "Disaster Supply Kit." 51.72% 31.03% 17.2496 0.00% 29 .9 0 15 5 Been trained in first aid or CPR. 62.07% 17.24% 20.69% 0.00% 18 5 6 0 29 installed smoke detectors on each level of our house. 89.66% 10.34% 0.00% 0.00% 29 26 3 0 0 Know how to shut-off utilities. 75.00% 17.24% 6.90% 0.00% 29 22 5 2 0

3	have some of form of defense against intruders	7/2/2020 12:18 AM
2	I have a whole house generator, keep my property mowed, and have requested flood water drainage to combat my road being eroded with flood water (which was done soon after my request). I only have one way in and out,	8/29/2020 2:33 PM
1	Area to fiee if had to be evacuated from home.	9/16/2020 11:44 AM
	OTHER PREPAREDNESS ACTIVITIES (PLEASE SPECIFY)	DATE

Pala Public Preparedness Survey

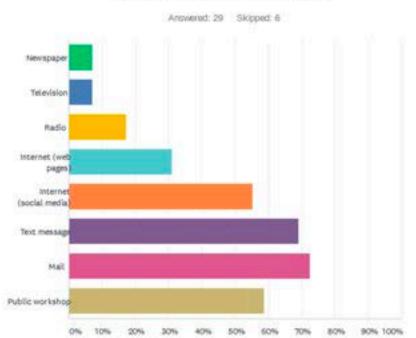
## Q11 Check all that apply to you.



ANSWER CHOICES	RESPONSES	
Lam a Tribal member	86,21%	25
I live on the Reservation	75.89%	22
I work on the Reservation	55.17%	15
I own property on the Reservation	51,72%	15
Total Respondents: 29		

Pala Public Preparedness Survey

#### Q12 What are the three (3) most effective ways for you to receive information about how to make your home and the Reservation more resistant to natural hazards?



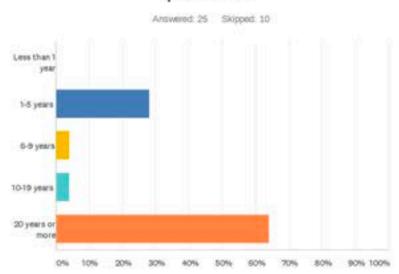
ANSWER CHOICES	RESPONSES	
Newspaper	6.90%	2
Television	6.90%	2
Radio	17.24%	5
Internet (web pages)	31.03%	9
Internet (social media)	55.17%	16
Text message	68.97%	20
Mail	72.41%	21
Public workshop	58.62%	17
Total Respondents: 29		

Pala Public Preparedness Survey

	OTHER (PLEASE SPECIFY)	DATE
1	Email	8/29/2020 2:44 PM
2	Tribal newsletter, Pala Housing newsletter, Tribal meetings and events	7/20/2020 11:35 AM
3	email	7/2/2020 12:18 AM

Pala Public Preparedness Survey

Q13 If you live on the Pala Reservation please indicate for how long you have lived there. If you don't live on the Pala Reservation please skip to question 14.



ANSWER CHOICES	RESPONSES	
Less than 1 year	0.00%	0
1-5 years	28.00%	7
6-9 years	4.00%	1
10-19 years	4.00%	1
20 years or more	64,00%	16
TOTAL		25

Pala Public Preparedness Survey

## Q14 Please add any comments you would like to make regarding hazard mitigation and disaster preparedness.

Answered 7 Skipped 20

1	RESPONSES	DATE
£	We cant control what is going to happen, but we can control how we react. Being prepared helps the community feel safe and makes the community see its falls, and what needs to be worked on.	9/16/2020 11:46 AM
z	Clearing dry brush around palas boundaries	9/3/2020 4:37 PM
3	I believe hazard mitigation is important to help reduce the loss of our people by minimizing the impact of any disaster. Having on going training and workshops to help our community members be prepared in the event of a disaster. Informing the community of how to be prepared, finding out what help they need to be prepared and offering resources for that help. Explaining what role the Pala Band has regarding hazard mitigation and disaster preparedness.	9/3/2020 4:31 PM
4	Educate younger families!	9/3/2020 4:23 PM
5	The older you get the more iil equipped you feel to respond to disesters. In my previous homes I have been ordered to evacuate 4 times. Grabbing everything you need-papervork, meds: a change of clothes and getting your animals in crates, car packed up, and being ready to drive every is much easier in a 30 year old body than a 60 year old body. Having our reservation fire ready, flood ready, and infectious disease ready would lower our risks and make it easier for responders to keep the issue small. It's not that I am old and less tolerant, I am old and more vulnerable.	8/29/2020 2:44 PM
6	I am a high risk senior living on an adjacent reservation, I need all the help I can get	8/27/2020 4:26 PM
7	Workshops	6/24/2020 6:47 PM