

Report on the Outreach Activity around Port Vila in Partnership with World Vision

Seaside community, Ohlen 75 community, Freshwater 4 community and Pango community



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Executive Summary

Vanuatu Climate Resilient Project (VUCRP) under World Vision has conducted a Climate Change Research within communities of Seaside, Ohlen 75, Freshwater and Pango and has plans to further implement and conduct a two-day outreach workshop program in partnership with Vanuatu Meteorological and Geo Hazards Department (VMGD) & Van-KIRAP Project.

These activities were also supported by Van-KIRAP because it is in line with the activities under component 2.2 of Van-KIRAP project to partner with Provincial Government, Area Councils, CSO and communities to channel Climate Information Services (CIS) to the communities.

A 1-day outreach activity is dedicated to VMGD and Van-KIRAP to conduct awareness to educate community members on essential information's for weather, tropical cyclone, earthquake, tsunami alerts, climate information and to introduce and make community members aware of the different products and services each division is providing to help communities in becoming resilient against natural disasters and climate change. Part of the awareness program is to enable the communities to vote for a solution package that suits the climate impact within the respective communities. The outreach activities were held on the 13th, 19th, 20th and 22rd with team members from climate, forecast and geo-hazards division. The outreach activity involved presentations, interactive question and answers sessions, delivery of brochures, pamphlets and tropical cyclone maps from the different division within VMGD.

Introduction

Vanuatu Climate Resilient Project (VUCRP) aims to empower communities to take lead in identifying and prioritizing the impacts of climate change. VUCRP has taken lead in collective discussions and participatory research in aim to ensure that communities themselves are at the forefront of understanding specific challenges they face as a result of climate change which will then also enable the communities to take ownership of the solutions to tailor communities unique needs and realities. Therefore, VUCRP has engaged the communities in inclusive dialogues to enable communities to share their experiences, knowledge and concerns related to climate change as well as aim to inspire collective action and bridge the gaps in knowledge and resources.

Hence, VMGD plays a prominent role in empowering the communities through these outreach activities is targeting objectives to;

- Educate the community of the risks associated with meteorological, climatical and geo-hazards events and ensure community members to understand the importance of timely and accurate information's.
- Encourage proactive preparedness amongst individuals and families for potentials weather, climate and geological events.
- Aims to improve and foster information disseminations of products and services ensuring updates reach communities effectively.



- Empower vulnerable groups in ensuring they have access to information's and resources necessary to protect themselves.

The participants involved were the general community members (men, women and children who were accommodated with children's activities by World Vision), student and the vulnerable members (elderly, disability).

Materials used

- Brochures (From Climate division, VanKIRAP, Weather forecast division, Geo-hazards division)
- Tropical cyclone Maps
- SHEFA traditional Seasonal Provincial Calendar
- Presentations

Activities and Implementation

Community outreach details;

Community Name	Awareness Date	Venue	Number of participants
Seaside	13th of August 2024	Seaside Anglican Parish	31 participants (disability, elderly, men, women and teenagers) and 16 children (age: 2 -12).
Ohlen 75	19th of August 2024	Ohlen AOG church	59 participants (Elderly, men, women and teenagers)
Freshwater 4	20th of August 2024	Freshwater Pink light nakamal	20 participants (Elderly, men, women and teenagers)
Pango	22th & 23rd of August 2024	UPCI church	17 participants (Disability, elderly, men, women and teenagers)

Activities of the awareness program is as follows:

Activities
Registration for community participants



Welcome opening Remarks; Workshop overview & VMGD overview
Morning Tea
Geo- Hazards Presentation
Forecast Presentation
Lunch
Climate Presentation

List of VMGD Team

- Mr William Worworkon
- Geo-Hazards Division: Mrs Melinda Aru, Mr John Junior Niroa, Mr Ricardo William and Ms Sandrine Cevuard
- Forecast Division: Mr Levu Antfalo, Mrs Ellen Luke
- Climate Division: Mr John Mangau, Ms Glenda Pakoa, Mr John Reuben and Ms Lucy Obed

List of VUCRP Team

- Senior Development Facilitator: Charles Nimanick
- Development Facilitator: Mary Bulu
- Development Facilitator: Dorothy Jimmy
- Casual: Josephine Fitzgibbon and Sergine Rory

Awareness activity details

1. Registration

For community participants who are part of the outreach activity

2. Welcome and opening remarks

By Dorothy (WV rep) followed by Mr William (VMGD rep) providing an overview of the vision, mission and overall VMGD objectives including a brief description of the different types of meteorological Hazards (Primary, Secondary, tertiary), hydrological Hazard and Geo-Hazards events happening within Vanuatu. This also includes a brief outline of the overall function of VMGD.





Image 1: Mr William (VMGD) providing an overview of VMGD at Seaside community

3. Presentation from Geo- Hazards Division

Overview of presentation content

A brief introduction and content outline followed by an overview detail of the two main components Geo-hazards division are involved with being the observatory and research program co-ordinations. Elaborations on the different services and products available for access through awareness (Presentations and brochures), advisory warnings, products of Volcanic hazard Maps, Tsunami Evacuation maps as well as bulletins and how public is able to access this information's. A thorough clarification on the meaning of earthquake with proof images from around the islands of Vanuatu including a brief explanation of the tectonic movements (Location of Vanuatu between the pacific plate and Indo-Australian plate, subduction zone and ring of fire). Presentation covers detailed explanations on what Volcano is and relate to the specific volcanoes within Vanuatu with proof images for volcanic activities observed and captured during the activity period. Further, the overview of how the intensity of this hazards is monitored and the instruments that are used to capture the specific information's which includes 22 seismic stations, 4 webcams, ground observation data and online data sources. In addition, the occurrences of earthquakes from 2022 -2024 including volcanic eruption activities at Lopevi, Gaua, Ambae, Ambrym and Yasur; and the active submarine volcano eruption activity that occurred on East Epi. Discussions also revolved around individual and family preparedness towards the various geological hazards. Other relevant information's pointed out during the presentation was the access and dissemination of information for earthquake and volcano through;

Earthquake and Tsunami

- Earthquake bulletins



- Monthly bulletins (internal) as well as Crises update and Media release
- The various dissemination platforms used; Email list through radio outlets and NDMO, Telephone briefing, Free toll 116 as well as VMGD fb page.
- Information brochures for Earthquake and Tsunami
- Tsunami Evacuation Plan and maps

Volcanoes

- Through tubulated Alert level Systems
- Volcano Alert Bulletin
- Volcano safety Map & Long-term danger Map
- Volcano Key message
- Information brochures for earthquake
- Awareness and outreach activities (including office visits)

An overall summary for the process of warning dissemination through NDMO was outlined and hints on safety guide for community to consider and take into consideration.



Image 2: Mrs Melinda presenting at seaside community





Image 3: Mr John Niroa presenting at Ohlen community



Image 4: Community listening to presentation at Ohlen 75 community

4. Presentation from Forecast Division

Overview of presentation content



A brief introduction elaborating on the difference between climate, weather and presentation outline covered;

- Weather stations over Vanuatu
- Weather forecasting division
- Warning bulletins and threshold
- Products dissemination
- Tropical Cyclone Tracking Map

A detailed explanation for the working operation hours of forecast division team with 2 officers (10 forecasters) working in 12-hour rotational shifts for 24/7 with other officers in Port Vila including other officers from the seven weather observation stations around Vanuatu. An elaboration on the role of observers in data collection through observation was made clear and detail daily operation role of weather forecaster in providing TC and Tsunami information's to the various operation desks and weather information's to enable business, industry or sectors relying on the weather information to manage operations base on information's provided. The operation desks include;

- The government and general public
- Mariners
- Aviation industry
- Fisheries, Agriculture and Tourism sector
- Infrastructure sector (PWD, building and construction)

The extend of presentations covered warning bulletins for strong wind, high seas, and severe weather warning. The presentation also covered tropical cyclone warning which are the information bulletin, advisory bulletin and warning bulletin for community members to know and be able to differentiate. Elaborations on members queries regarding doubts to weather scenarios and detail elaboration on the accessibility and dissemination channel for the forecast products to the public. These involve:





In addition, there is a thorough detail discussion on the New Tropical Cyclone tracking map including:

- Thorough explanation of the scales
- The longitude and latitude scales
- The Category cyclone Key (Image)



Image 5: Mr Levu Antfalo giving his presentation at seaside community

5. Presentation from Climate Division

Overview of presentation content

A brief introduction and content outline followed by an overview detail of the different functions and tasks within Climate division unit. Presentation also covered the contributions of VanKIRAP project towards the five main sectors (Water, Fisheries, Infrastructure, Tourism and Agriculture) and how the sectors and community members are benefiting from accessing the resources developed and implemented by the project. The key detail presentation was focused on the bulletin outlooks that community members can access and that can benefit them in making daily decisions as well as prepare well in advance for planned activities. Parts of presentation also captured the different climatology key maps used within the different bulletins and how members can interpret the key messages from the images used using the colour code keys.

Traditional knowledge was also highlighted as part of discussion in which community members shared experiences with regards to “Lokol Save” and how it benefits them with their preparation towards weather and climatical events. Accessibility and usefulness of the products and services were also detailed out including seasonal forecast of the different climatical events and conditions.



Image 6: Ms Glenda Pakoa giving her presentation at Pango community

Feedbacks from community members

Comments and questions

- A question to clarify on the different colours observed in water after an eruption activity (Blue, green and yellow)



- A compliment from the chairman of seaside Tongoa community Paul Fred for female staffs taking up and leading workforce within the geo-hazards division
- A question on the number of active volcanoes within Vanuatu and if community members from Lopevi who were relocated and return and make living in comparison with Ambae.
- A question to outline the different type of volcano's present around Vanuatu islands
- A question raised on why tsunami siren is not working and why information's are always late in channelling to community's
- Question raised on Nguna volcano whether there is possibility for future volcanic activities and how can it be monitored
- Comments on the importance of conducting awareness programs and how this information's have enlightened important matters and how communities will take into consideration when planning ahead for any unforeseen natural hazard risks scenarios.
- Stories of Tonga submarine volcanic eruption activity was shared and how members of the communities reacted to this in terms of preparedness.
- Preparedness scenarios for communities in the past towards a tsunami alert was shared and people's reactions and failures were pointed out
- Question on what is the main cause of tsunami and earthquake and based on what category is can it generate tsunami
- A community member asked how cyclones are given names
- Member asked if Tsunami Evacuation Locations are confirmed safe and how these locations are selected based on what category
- A comment was also raised to make sure staffs who provide information's to public must be reliable and provide evident based information's
- Questions raised on whether fisheries outlook does reach the people in the outer islands and how people from outer islands are accessing the products and services we are putting out

Lessons Learnt

Here are some lessons learned from these activities based on common practices and feedback;

1. Effective outreach requires messages that are tailored to the specific needs and understanding levels of different communities. Simplifying complex scientific information and presenting it in culturally relevant ways can significantly improve comprehension and engagement.
2. Involve local leaders can enhance the reach and credibility of outreach efforts. Their endorsement can help in gaining community trust and ensuring that critical messages are taken seriously.



3. Integrating local knowledge and practices with scientific data can lead to more effective communication strategies. Communities often have valuable insights into local hazards and risk management practices that can complement official advice.
4. Utilizing visual aids, such as maps, infographics, and digital tools, can help in conveying complex information more clearly.
5. Regular updates and consistent communication are crucial for maintaining community awareness and preparedness. Sporadic or infrequent communication can lead to gaps in knowledge and readiness.

Recommendations

1. Providing practical, hands-on training helps communities understand and respond to meteorological and geohazard risks more effectively. Practical's on how to access VMGD website and Tolfree 116 to access any of the information including products and services available.
2. Train community leaders especially CDCCS, AA and AS to act as ambassadors for meteorological and geohazard information can help in spreading awareness more effectively and creating a network of informed individuals especially for communities within Efate.
3. Partnering with other governmental and non-governmental organizations can enhance outreach efforts. Coordination with agencies that provide health, safety, and emergency services ensures a comprehensive approach to disaster risk reduction.
4. Collect feedback from the community after each outreach activity to gauge effectiveness and identify areas for improvement.
5. Work with local leaders, religious institutions, and NGOs to disseminate information and foster community participation in outreach programs. Ensure all outreach materials and activities are culturally sensitive and available in local languages.



Overall community participation summary

Community name	Total number	Male	Female
Seaside	31	8	23
Ohlen 75	59	28	31
Freshwater 4	20	6	14
Pango – Day 1	16	13	3

Seaside attendance sheet

VANKIRAP – REGISTRATION SHEET – DATE : 13 AUGUST 2024



Seaside Community

No.	NAME	Age	GENDER (MALE/FEMALE)	CONTACT NUMBER OR EMAIL	SIGNATURE
1	Max Saki	9	M		M.S
2	Ella Saki	30	F	7364247	[Signature]
3	Rubi Toara	60	F		RT
4	Alex Mahig (Chairman Seaside Comm).	70	M	7776711	[Signature]
5	Charles Bani	60	M	5455209	[Signature]
6	Josephine Fitzgibbon (Casual)	37	F	7147622	[Signature]
7	Sorgine Rary (Casual)	35	F	7637430	[Signature]
8	Lezekan Bice	31	F	7604687	Bia
9	Mary Bule	42	F	5660240	M.B
10	Julia Pakosangi	28	F	5163974	Regi
11	Aude Lukai	52	M	-	[Signature]
12	Michael Moses	22	M	-	Michael
13	Amos Toara	62	M	-	AT



VANKIRAP - REGISTRATION SHEET - DATE : 12 AUGUST 2024



	Full name	Age	Male / female	Phone #	Signature
14	✓ Edwina Sinios	15	F	-	Es.
15	✓ Mary Tom	56	F		Mgd
16	✓ Joseph Nagaha	34	M.	5319056	Je
17	✓ Serah Fred	62	F	7394501	
18	✓ Deborah Willie	34	F	-	
19	✓ Leiwana Dick	64	F	-	
20	✓ Ruth Marugo	65	F	-	
21	✓ ESTHER PAKASANG	70	F	-	EP
22	✓ May Daniel	64	F	-	MD
23	✓ Abina John	13	F	-	AJ
24	✓ Marilyn Timothy	15	F		
25	✓ Leinda Joy	15	F		
26	✓ Bessie Koutz	50	F		
27	✓ Leipuna	64	F		



VANKIRAP – 100 DAY REGISTRATION SHEET – DATE : 12 AUGUST 2024



28	Josep Aliek	20	FF	-	
29	Linda Lukai	15	FF	-	
30	Beatrice Davidik	19	FF	-	
31	Saly Kalosik	15	M	-	
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					



Ohlen 75 attendance sheet

VANKIRAP - Ohlen 75 REGISTRATION SHEET - DATE : 19 AUGUST 2024



No.	NAME	Age	GENDER (MALE/FEMALE)	CONTACT NUMBER OR EMAIL	SIGNATURE
1	Jaksau Jan	17.02.1988 66	M	7113041	
2	Kalery Wilson	56	M	7790114	
3	Jennifer Kiel	53	F		
4	Hima Sam	26	F	7780796	hima sam
5	Jimmy Laca	1951 - 73	M	-	J.L
6	Jasua Jimmy	58	F	7113041	J.J
7	Nancy Houhman	54	F		N.L
8	Betty Butu	39	F	7114073	
9	Annette Koli	43	F	7374748	A.K.
10	Loreta P	26	F	7171704	L.P
11	Diana Kalo	28	F	763940	
12	Laku Lava	66	F		L.L
13	David Niplawi	56	M	7109607	D.N



14	Beth John	44	MF	750735	
15	Belinda Tevi	36	F	7607963	
16	Rona Iasu	22	F	5146213	
17	Kalo Abel	24	M		
18	Shem Nakou	52	M	7313757	
19	Harold Boligi	65	M	7104086	
20	Loughman Nawe	64	M	7312011	L.N.
21	Etel Binhi	71	F	7740255/5258358	
22	Max Nawe	24	M	7393902	M.N
23	Jayden wein	14	M		J.W
24	Kerry Tevi	15	M		K.T
25	Jimmy Iasia	20	M	7782950	
26	Floyd THOMAS	20	M		
27	Rexson Maitras	21	M		

28	Parkinson Wokworbu.	15	M		P.W
29	Tensley Kabry	15	M		T.K.
30	Johnson - T.	11	M		J.T
31	Navin - Wokworbu	14	M		N.W
32	Michael John	11	M		M.J
33	Branty .Boe	11	M		B.B.
34	Alex Kiel	29	M	7655344	Kiel
35	Jonson - katipa	21	m	7712171	J.
36	Alice Kalary	50	F	7790114	
37	Mofrie	72	M		
38	Melisa Iaso	13	F		Delo
39	Viola Kiel	15	F		Delo
40	Sue Kawaf	17	F		Delo
41	Max Dani	36	F	5411402	M.T
42	David		M		



43	Esthela yaw	37	F	7348570	
44	Bethlyn	44	F		
45	Emma James	50	F	7140433	E. James
46	Talia Wilson	32	F		
47	Willie Taviap.	64	M		
48	Mary Johnson.		F		
49	Julie welin		F		
50	Sam Paio Paio	"	M.		
51	Anna Takifo	28	F		
52	Tou Mofie	50 ⁺	F	-	Tou
53	Alan		M.		
54	Woi Jimmy	48	F		
55	Letwin Mathias		F		
56	Morie Hendy		F		
57	Rexina		F		







58 Ruth 26 F
~~59~~ ~~Shan~~ Nako M
~~60~~ Esua Lina F



Freshwater 4 attendance sheet

No.	NAME	Community	GENDER (MALE/FEMALE)	CONTACT NUMBER OR EMAIL	SIGNATURE
1	Marie Louise Massing	Freshwater 4	F	-	
2	Madlen Ismael	"	F	7795189	
3	Louisa Massing	"	F	-	LM
4	Annie Thomas	"	F	7751309	
5	EMMA ISACE	"	F	-	
6	Cathrine Hivoliliu	"	F	7776427	
7	JAMES TARIPOA	Beef w/4	M	730/839	
8	NORMAN WILL	"	M	7174613	
9	Diane Alier	"	F	7174613	
10	Sonia Kenneth	"	F	5317324	
11	Ratha Tari	"	F	7114064	
12	A. Marie VIRATIRO	"	F	7609946	
13	Lissy Tari	"	F	7389337	



	Name	School / Community name	Gender (M/F)	Contact	Signature
14	Patricia Kapis	Freshwater 4	F	7140581	
15	Junior Alex	" "	M	"	
16	KIPP: Abert	" "	M	7185789	
17	JOHN KALORAN	Fresh W 4	M	7366671	
18	ELIANE E	FW 4	F	7366671	
19	Caleb Gibson	" "	M	-	CG
20	heisingy Nal	FWS	F	505539	
21					
22					
23					
24					
25					
26					
27					



Pango attendance sheet

No.	NAME	AGE	GENDER (MALE/FEMALE)	CONTACT NUMBER OR EMAIL	SIGNATURE
1	Pis Issac	53	M	7761454	
2	Linda Kiohhi	54	F	7361979 7761454	
3	Touret Taloo	56	F	7347212	
4	Albert Sape (M)	43	M	7744306	
5	David Sogari	63	M	5901416	
6	Jerry	58	M	5260011	
7	Kakumaku	70	M	-	
8	B Kaul	58	M		
9	Chief Kaitena Kalwatman		M		
10	Ronald Kaloetua	33	M	7678221	
11	Sarah Fatou		F		
12	Jerry / Kaititi	58	M	560011	
13					



14	Sandy Kusmanj	54	M		[Signature]
15	Bruce Kustman	54	M	2190226	[Signature]
16	Yvan Kustman	90	M		[Signature]
17	Allen Sope				[Signature]
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					