



Nagado **Community** --- **Disaster Plan**



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The Disaster Risk Reduction (DRR) training and development of the Community Disaster Plan (CDP) were made possible by the generous funding support of the American people through USAID.

ABBREVIATIONS

CBDRM	Community Based Disaster Risk Management
CCA	Climate Change Adaptation
CDMC	Community Disaster Management Committee
CDP	Community Disaster Plan
DDC/DO	Divisional Disaster Coordinator or District Officer
DISMAC	Disaster Management Committee
DRR	Disaster Risk Reduction
EC	Evacuation Centre
EOC	Emergency Operation Centre
EWS	Early Warning Systems
IDA	Initial Damage Assessments
NDMO	National Disaster Management Office (DISMAC)
PPEES	People, Property, Environment, Economy, Society (Elements at Risk/Vulnerable)
RK	Ration Kit
SAR	Search and Rescue
Sit Rep	Situation Report
SPC	Secretariat of the Pacific Community
TnK	Turaga ni Koro
USAID	United States Agency for International Development

INTRODUCTION

As experience in both disaster risk reduction (DRR) and climate change adaptation (CCA) increases, there is growing recognition that these two fields share a common focus: reducing the vulnerability of communities and contributing to sustainable development.

The aim of this Community Disaster Plan (CDP) is to provide high-quality support to the Nagado community during times of major emergencies or disasters, including when such events are reasonably believed to be pending, by maintaining close coordination and planning links with local emergency response organizations on an ongoing basis.

It will be the responsibility of the CDMC Chairman to declare a situation a disaster and activate the disaster and evacuation procedure. A disaster may be classified as a fire, tornado, flood, electricity outage, explosion, bomb threat, hazardous material spill or release, or any other situation warranting evacuation of the community to protect the lives and safety of residents and staff.

A disaster's severity depends on its impact on society and the environment. The scale of the impact in turn depends on the choices we make for our lives and our environment. These choices relate to how we grow our food, where and how we build our homes, what kind of leadership we have, how our financial system works and even what we teach in schools.

Each decision and action can make us more resilient to disasters – or more vulnerable. **Disaster risk reduction is about choices.** Disaster risk reduction is the concept and practice of reducing risks through systematic efforts to analyse and reduce the causal factors of disaster vulnerability. Reducing exposure to hazards, lessening the vulnerability of people and property, managing the land and environment wisely, and improving preparedness and early warning systems for adverse events are all examples of disaster risk reduction.

NAGADO COMMUNITY PROFILE

Nagado is the biggest village in the Tikina Vaturu and is under the jurisdiction of the District Officer Nadi and is looked after by the Roko-Nadi in the provincial boundary of service.

The I-cavuti Vakavanua is Na vanua Vaturulevu and is traditionally governed by the Yavusa tolu (Viyagoiravutu, Tubai & Yalatina) and their history goes back to as far as the initiation of the sugar industry in the vanua-Sabeto where the need to bring together these different communities of people to Nagado to take part in cane and cattle farming programmes.

The village is flourishing with a total of 205 households and a population of over 1000 people (495 female, 489 male and 101 school aged children from between 6 – 18 years of age). Nagado village is approximately 5 kilometers from the Sabeto junction towards Lautoka, on the hill-side of the district of Sabeto Basin. Their main source of income is root-crops, sugarcane & cattle farming. The nearest medical center is in Nagado Village and the nearest hospital is in Nadi/ Lautoka. Primary and kindergarten schools are also situated in Nagado village.

The people of Nagado have practiced local ways of coping during negative events for the past 100 years. The vast knowledge that has been passed from generation to generation has helped save and support their livelihoods. But changes to lifestyles and living standards, influenced by foreign concepts, threaten traditional structures and knowledge and they are starting to disappear.

DISASTER TIME LINE

Records show that from 1932 to 1992, Nagado Village has experienced major cyclones and widespread damage on an average of once every 20 years. Droughts occur around every 4 years and cause crop failure and lack of root crops. Thieving is a new risk, causing fear in people and also causing major crop and livestock loss identified as a disaster caused by the people around them.

COMMUNITY DISASTER PLAN

In partnership with the Secretariat of the Pacific Community, Fiji Council of Churches and the National Disaster Management Office (NDMO), Nagado Village has established a Community Disaster Management Committee (CDMC) following a five-day disaster risk reduction workshop in the village. The training reminded participants of past disasters that caused memorable situations in their lives. It was also effective in promoting planning for future disaster events and increasing awareness of the need for preparedness to reduce risks when disasters occur.

During the training, Nagado participants selected a committee. The committee put together the Nagado Community Disaster Risk Reduction Action Plan. By following the plan, the community can prepare for disasters by increasing their resilience, reducing their risk and improving their potential response.

GOAL

The population of Nagado Village made safer in the event of a natural disaster

PURPOSE

This plan will guide the Community Disaster Management Committee (CDMC) and the population of Nagado Village in the event of disasters

METHODOLOGY

This Community Disaster Plan (CDP) has been developed through partnerships between the people of Nagado Village, SPC, NDMO and church networks. This included the establishment and strengthening of a CDMC, which has received training in participatory DRR. The CDMC developed this CDP with the involvement of the whole village, taking an “All Hazards” approach. This community-based interaction has resulted in the development of hazards maps, vulnerability and capacity assessments, evacuation plans, response arrangements and DRR action plans.

GUIDING POLICIES AND PRINCIPLES

The following set of principles has been used to guide development of the **Community Disaster Plan**. They are intended to guide its implementation and the ongoing development of the Nagado Community Disaster Plan:

- **Promote participatory approaches in managing hazards, risks and disasters:** There is a need to empower vulnerable communities to participate in, and be involved in, preparing for disaster situations, response and recovery post disaster.
- **Disaster risk reduction to be inclusive and broad based:** This is an opportunity to move towards gender equity and social inclusion.
- **Building community capacity:** The level of resilience of any community depends on the capacity of the community itself.
- **Community ownership and partnership across all sectors:** Communities must have ownership of disaster risk reduction activities and plans. This is crucial for the success of these activities. Other sectors also need to recognize this principle so that there is partnership across all sectors.
- **Faith-based institutions:** Faith-based institutions are seen as strength in any community when addressing disaster risk reduction initiatives. When faith-based institutions take the lead role in risk reduction activities, people are bound to respect and act upon these plans.

NAGADO COMMUNITY DISASTER PLAN

The table 1 show:

- known hazards based on historical data
- vulnerability to those hazards
- current capacity to cope
- proposed plans to improve capacity (expanded in DRR Action Plan)

Table 1: Known hazards for Nagado Village, vulnerability, capacity and associated plans.

Ref No.	HAZARD	ELEMENTS AT RISK	VULNERABILITY (PPEES)	CAPACITY (OUR CURRENT CAPACITY)
1.	Thieving	All households, Property, Livestock, Farms and economy.	People - very high	Trained CDMC, Access to resources, Assistance to TnK and people.
2	Fire	All households use fire for cooking, and mosquito coils & candles occasionally.	Medium	Trained CDMC Access to resources, Assistance of TnK and people.
3	Cyclone	Whole village, people, their property, economy and environment	High	Local knowledge & resources, Availability of trained CDMCs
4	Drought	People, their properties, livestock, plantations, water source	High	Trained CDMC Access to resources Partnership with SPC land use & agriculture programme.

WARNING SYSTEM/ARRANGEMENTS

At-risk communities can obtain information from the ministries and departments responsible for monitoring different types of hazards (Table 2).

Table 2: Official information sources for at-risk communities

Hazard	Information source
Cyclone, flooding	FIJI MET, NDMO
Tsunami	Mineral Resources Dept., NDMO
Sea level rise	Climate Change Unit (MET)
Volcano	Mineral Resources, NDMO
Earthquake	Mineral Resources, NDMO

Receiving warnings

Communities receive warnings through various means including:

- FBC, Communications Fiji Ltd.
- Fiji Met. Office
- HF Radio (clinics, schools, church centers)
- Police
- Mobile telephones
- Newspapers
- Nature (local early warning systems)
- People

The warning system documented in the plan should guide the committee and community members understand the meaning of the color codes used to indicate different levels of threat.

NAGADO COMMUNITY DISASTER RESPONSE PLAN

POSITION (WHO)	ACTIONS (WHAT) Each level of ALERT must be activated by the CDMC Chairperson or nominated "Person Responsible" (response arrangements)				CHAIN OF COMMAND REPORTS TO After every task is complete the person responsible must report
	ALERT (BLUE) Hazard event detected in the region as a potential threat	WARNING (YELLOW) Hazard event poses an imminent threat (within 24 hours before striking)	RESPONSE (RED) Hazard event has struck and is in progress	RELIEF & RECOVERY Immediate after the Hazard event has passed	
Chairman or TNK	Initiate Early Warning System by using a hailer. Call meeting of the CDMC Ensure everyone knows what will happen and what to do – mindful that if people are not informed, or are misinformed, they may panic	Coordinate the evacuation of people – the most vulnerable groups to be given priority. Those most vulnerable are; elderly, pregnant mothers, children, and the disabled.	Ensure all people are in an evacuation centre – church buildings, classrooms or other buildings may be used as evacuation centres	Coordinate Initial Damage Assessment (IDA) and liaise with DO Lautoka	Reports to District Officer Lautoka
Leader Men's Group	Check houses for defects in fittings Throw sandbags on top of roofs to strengthen them Cut tree branches Put up shutters	Help with evacuation of the most vulnerable Check all doors to ensure they are locked to prevent looting	Secure Emergency Centre or other buildings used as an evacuation centre	Participate in IDA as required Assist with emergency shelter	Report to chairman of CDMC
Leader Women's Group	Prepare evacuation centre – cleaning, food and water rations, sleeping arrangements (separate sick people, women, children, men, elderly). Prepare to mobilise teams to support welfare Care for vulnerable groups	Ensure clean drinking water and food are available for more than 96 hours Ensure non-food items such as blankets, mats, etc. are available for use in the evacuation centre	Coordinate catering for the evacuation centre Prioritise the needs of breastfeeding mothers and infants	Ensure care for most vulnerable Managing of evacuation centre Check nearby gardens for available foods	Report to chairman of CDMC

NAGADO COMMUNITY DISASTER RESPONSE PLAN (continued)

Leader Youth	Check gardens and bring food to the evacuation centre Move livestock to higher ground Fill containers of water – at least 10 containers to 1 family	Help evacuate the most vulnerable Assist with carrying water to the evacuation centre Organise Search & Rescue (SAR) teams; ensure teams are ready and place under the supervision of the Chairperson	Conduct SAR Secure evacuation centre Assist women in catering for the evacuees at the ECs.	Assist in conducting IDA Support relief assistance	Report to chairman of CDMC
Minister/ Talatala	Ensure church building is ready to host people	Secure church items while the building is being used. Be present at the evacuation centre at all times	Spiritual leadership, and counselling for traumatised members	Liaise with Vakatawa	Reports to CDMC Chairperson
Nurse	Ensure first aid kits are valid, well stocked and available Advise the Chairperson to contact the DO in the case of pregnant mothers and sick people needing to be transported to hospital for safety before the hazard event strikes	Ensure required medication is available at the evacuation centre	Care for the sick and injured	Refer the most serious cases to hospital Communication link to PDC/NDMO	Reports to CDMC Chairperson
Protection officers	Prepare village evacuation centres Liaise with village chief and CDMC Chairperson	Ensure evacuation centre is ready to cater for evacuees. Be prepared to show evacuees their space in the evacuation centre. Do a head count of all evacuees	Ensure safety of evacuees at all times. Assist with children, elderly, and others needing assistance at the evacuation centre	Continue to provide protection until all clear is given by the Chairperson & Turaga ni Koro. Assist in returning evacuees to their homes	Reports to CDMC Chairperson

NAGADO VILLAGE DISASTER RISK REDUCTION ACTION PLAN

For Increasing community resilience

No	Objective	Action	By When	By whom Team leader	Resources /Stake holders	Cost Estimate (\$)
1	Reduce thieving in the village	<ul style="list-style-type: none"> Advise the village council Advise Turaga ni Koro Community awareness programme: <ul style="list-style-type: none"> Communal planting for those in need. Support SPC food-security programme 	October, 2013	CDMC Chairperson	CDMC, Vanua	Nil.
			November, 2013	CDMC Chairperson	CDMCs, Chiefs, Villagers	Unknown
			Ongoing	CDMC Chairperson	CDMCs, Chiefs, Villagers, SPC and MPI.	Unknown
2	Reduce the risk of fire in the village	<ul style="list-style-type: none"> Advise in the village council; Advise Turaga ni Koro Awareness training on fire management <ul style="list-style-type: none"> Letter requesting Fire Authority to assist in awareness training, fire management and flooding. Training 	October, 2013	CDMC Chairperson	CDMC, TnK, Community.	Nil
			October, 2013	CDMC Chairperson	NFA, DO-Nadi, People in the village.	\$100:00
			November, 2013	CDMC Chairperson	CDMCs	Nil
			Ongoing Awareness			

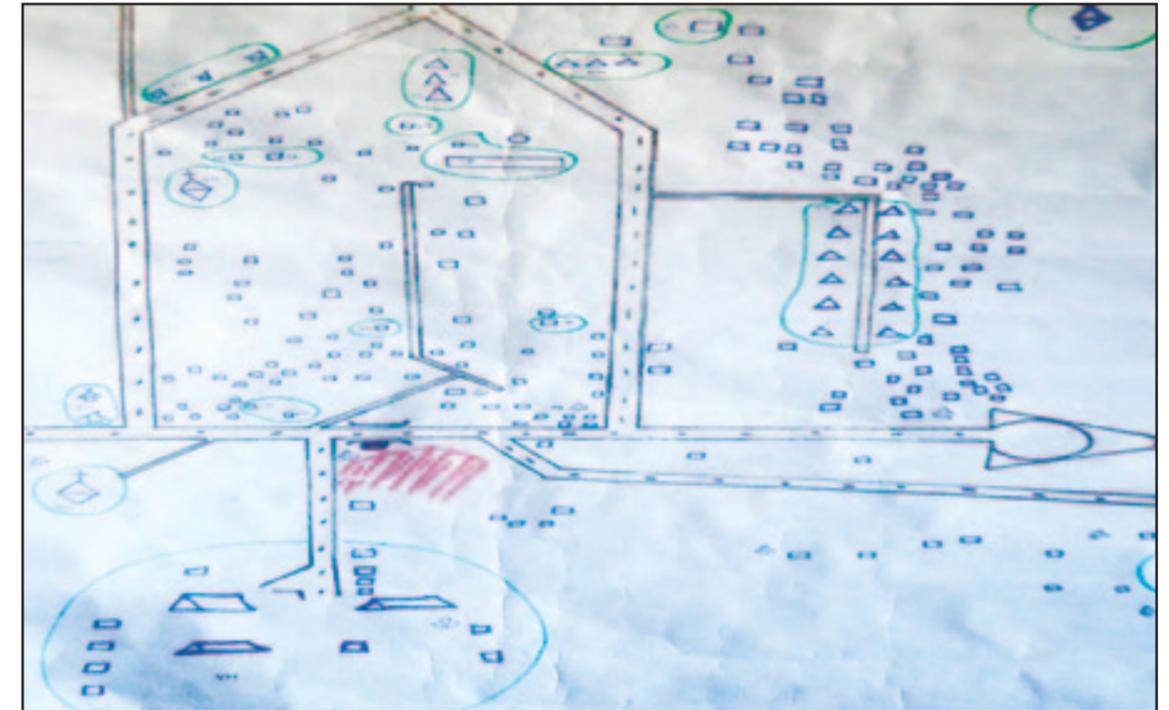
NAGADO VILLAGE DISASTER RISK REDUCTION ACTION PLAN

For Increasing community resilience

No	Objective	Action	By When	By whom Team leader	Resources / Stake holders	Cost Estimate (\$)
3	To reduce the loss of lives and property during cyclones.	<ul style="list-style-type: none"> Advise the village council in the village meeting Coordinate the youths to get sand bags for every house in the village 	October, 2013	CDMC Chairperson	CDMCs	Nil
			October – November, 2013		DO-Nadi, CWD, CDMCs	Nil
		Community awareness on:	Ongoing	CDMC Chairperson	CDMCs	Nil
		<ul style="list-style-type: none"> Build strong structure houses in future with recommended plans from Commissioner West Office. Know what to do in the event of a cyclone Know the history of area 	Ongoing	CDMC Chairperson	CDMCs	Nil
5	Reduce effects of drought in the village	<ul style="list-style-type: none"> Advise the village council & the Chief Training opportunities: <ul style="list-style-type: none"> Nursery management, Vegetable/crop seedlings Management of climate ready collection Poultry and pig farming 	October, 2013	Chairman	TnK, CDMCs	Nil
			Ongoing		SPC, DO-Nadi, MPI	Unknown
			November, 2013 (Training)		SPC, MPI	

NAGADO VILLAGE RISK MAP

(High risk areas indicated with red squares)



NAGADO CDMC CONTACT DIRECTORY

Role	Name	Contact	Position
<ul style="list-style-type: none"> Conduct training and awareness at provincial and community level Disseminate public education materials to the community Develop a village disaster plan and operating procedures Develop a village assessment and relief coordination mechanism Identify and document provincial safety/ evacuation points Information dissemination Liaise with community disaster committee Report to National Disaster Management Office 	Tomasi Maoli	8723627	Chairman
	Degei		Or TNK
<ul style="list-style-type: none"> Liaise with District Officer Disseminate warnings and community alerts Monitor community preparedness for specific threat 	Timoci Naika	8497194	Men's Group Leader

NAGADO CDMC CONTACT DIRECTORY (continued)

Role	Name	Contact	Position
<ul style="list-style-type: none"> • Damage assessment • Assist Protection officers / relief assistance 	Jokaveti Neibavu & Leone Solosolo	9447591 8406199	Youth Group Leader
<ul style="list-style-type: none"> • Damage assessment • Relief assistance • Assist village members who need help (elderly, children, disabled, injured, etc.) to move to evacuation points 	Apisai Burenitu & Atelaite Seke	8447408 7835739	Secretary
<ul style="list-style-type: none"> • Manage safety of evacuation centre • Assist Protection officers • Trauma management counseling for victims 	Anaseini Saukitoga & Anaisi Leiwere	9417533 9221905	Women's Group Leader
<ul style="list-style-type: none"> • Check on the validity and stocks of first aid kits • First Aid and care of victims • Communication link to PDC/ NDMO • Assist in drafting/ preparing situation report • Damage assessment • Conduct safety simulation exercises for schools twice a year • Relief assistance 	Anaseini Ranadi & Lemeki Taubale	8674992	Village Nurse Assistant
<ul style="list-style-type: none"> • Damage assessment • Trauma management counseling for victims • Assist village members who need help (elderly, children, disabled, injured, etc.) to move to evacuation points 	Timoci Naika, Peni Nasina, Aporosa Namaqa, Karalaini Robe, Lusiana Musu	9914321 9346653 8723627 9346653	Protection Officers

ROLES OF AGENCIES/ORGANISATIONS

Agency/ Organisation	Role
1. Ba Provincial Office	Consolidating the Vanua (traditional state) of Ba (which includes Sabeto).
2. Commissioner Western	General administration of the district and Head of DISMAC operations during a natural disaster.
3. DISMAC	Facilitation of relief and emergency responses for the general population following disasters.
4. District Officer Lautoka/ Yasawa	Head of development and disaster management in the district of Lautoka/ Yasawa and focal contact for Sabeto Community Disaster Management Committees.
5. Fiji National Fire Authority	Disaster risk reduction partners in providing services in the areas of fire: fire training and awareness; and rescue in flood/ fire events.
6. Fiji Police Force	Safety and security of people in evacuation centres during disasters.
7. Fiji Water Authority	Effective and efficient delivery of safe drinking water and wastewater services to communities.
8. National Disaster Management Office	Dissemination of information about disasters before, during and after events, and awareness raising.
9. Secretariat of the Pacific Community	International organization responsible for implementing the USAID project, Vegetation and Land Cover Mapping and Improving Food Security for Building Resilience to Changing Climate in the Pacific Island Communities (Fiji, Kiribati, Samoa, Solomon, Tonga and Vanuatu).
10. USAID	Coordination and funding of DRR activities in Sabeto communities.

DISASTER TOOLKITS - EQUIPMENT LIST

Toolkits	Quantity
Safety helmet	19
Reflector vest	19
Safety glasses	19
Utility gloves	19
Life jacket	5
Whistles	19
Gumboots	19
First aid kit	1
Ropes	x 50 m
Loud speaker	1

DISTRIBUTION LIST FOR CDPS

Name	Organisation	Copies
Ms Ruth Atu District Officer/ Lautoka Yasawa	Provincial Council	1
Mr Joeli Cawaki Commissioner West	Provincial Council	1
Community Disaster Management Committee (CDMC)	Nagado	2

THIS COMMUNITY DISASTER PLAN WILL BE UPDATED ANNUALLY BY:

Ref No.	Name	Position in the Village	Signature
1			
2			
3			

ENDORSEMENT

This Community Disaster Plan was endorsed at _____ on _____ by:

CDMC Chairman

District Officer/LY

ANNEX 1

COLOUR CODES	CYCLONE/ SEVERE STORM - FEATURES/CHARACTERISTICS
BLUE (ALERT)	CYCLONE ALERT - linked to stage one - Readiness: Issued when a developing depression or tropical cyclone is close to the Fiji Islands. Gale force winds are not expected within 24 hours but may occur within 48 hours. Issued every six hours.
YELLOW (WARNING)	GALE WARNING - Linked to Stage one - Readiness: Issued when mean wind speeds are expected to gale force intensity (34 - 47 Knots) within the next 24 hours (issued every six hours) STORM WARNING - linked to stage two - Standby (issued every three hours) Issued when mean wind speeds are expected to reach storm force intensity (48 - 63 Knots) within the next 24 hours)
RED (RESPONSE)	CYCLONE WARNING - Linked to stage three - Activation (issued every three hours increasing to hourly as the threat increases). Issued when mean wind speeds are expected to exceed 64 Knots within the next 12 hours.

NB There will be warnings given to communities for "slow onset" disasters such as tropical cyclones, droughts, etc. while there will be little time for a warning or no warning given to communities for "sudden onset" disasters such as earthquake, flash-flooding, etc.

COLOUR CODES	FLOODING/STORM SURGE- FEATURES/CHARACTERISTICS
BLUE (ALERT) May occur within 24 hours	
YELLOW (WARNING) Likely within 12 hours	HEAVY RAIN WARNING FLOODING likely in next 12 hours. HEAVY SEAS/SWELLS WARNING - high waves likely in next 12 hours. TAKE ACTION to secure property, gardens and boats.
RED (RESPONSE) Imminent within 3-12 hours	HEAVY RAIN WARNING FLOODING expected within 3-12 hours. HEAVY SEAS /SWELLS WARNING - Large waves (2 METRES+) expected within 3-12 hours. Complete preparations urgently and move to higher ground or secure place NOW.

ANNEX 1 (continued)

WARNING CODES	TSUNAMI-FEATURES/CHARACTERISTICS
YELLOW WATCH	<p align="center">TSUNAMI WATCH</p> <p align="center">A Tsunami is possible- it is more than 3 hours away. Updates will follow Secure property and boats. PREPARE to evacuate to higher ground.</p>
RED WARNING	<p align="center">TSUNAMI WARNING</p> <p align="center">There is the threat of a Tsunami occurring within 3 hours. MOVE NOW TO HIGHER GROUND.</p> <p>The warning will indicate expected arrival time. Waves may occur for another hour. Channels and exposed coastal areas may have turbulence for several hours.</p>
EARTHQUAKE Occurs in your area	<p>NOTE: If unusual sea movements occur following an earthquake run to higher ground as fast as you can, <i>DO NOT WAIT</i>, you may have less than five (5) minutes to save your life.</p>
NO WARNING	



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