



114TH BOARD OF REGENTS MEETING

BOR RESOLUTION NO. 62
Series of 2024

APPROVING THE VSU DISASTER RISK REDUCTION MANAGEMENT PLAN

WHEREAS, the Leyte State University was created by virtue of Republic Act 9158 which converted the then Visayas State College of Agriculture (ViSCA) into a state university last 11 August 2001 which was later renamed Visayas State University (VSU) by virtue of R.A. 9437;

WHEREAS, Paragraph (a), Section 7 of R.A. 9158 provides: "To enact rules and regulations, not contrary to law, as may be necessary to carry out the purposes and functions of the University";

WHEREAS, given the increasing regularity and severity of natural disasters, Philippine Government has recognized that a national, coordinated and cooperative effort is required to enhance the country's capacity to withstand and recover from emergencies and disasters;

WHEREAS, Section 12 of RA 10121 requires agencies to formulate and implement a comprehensive and integrated DRRM Plan in accordance with the national, regional and provincial framework;

WHEREAS, the DRRM Plan is in fulfillment of the above-mentioned policy obligation and the university's commitment to provide a safe and secure academic community conducive for habitation, working and learning for all its students and employees;

WHEREAS, the Office of the University Disaster Risk Reduction and Management (OUDRRM) proposed the Disaster Risk Reduction Management Plan to serve as guideline in the application of disaster risk reduction policies and strategies to prevent new disaster risk, reduce existing disaster risk and manage residual risk, contributing to the strengthening of resilience and reduction of disaster losses;


WHEREAS, in its meeting on February 29, 2024, the University Administrative Council favorably endorsed approval of the VSU's DRRM Plan;

Now, therefore, on motion, duly seconded, and unanimously approved, be it;

Resolved, as it is hereby resolved, that the Board of Regents of Visayas State University approves the proposed Disaster Risk Reduction Management Plan, further details of which are reflected in the document hereto attached and made part hereof.

IN WITNESS of our approval thereof, we hereby affix our signatures this 7th day of June 2024 at VSU, Baybay City, Philippines.

VSU BOARD OF REGENTS


HON. ETHEL AGNES P. VALENZUELA
CHED Commissioner and Chairperson
VSU-Board of Regents


HON. PROSE IVY G. YEPES
VSU President, Vice Chairperson
VSU-Board of Regents

HON. ALLAN PETER S. CAYETANO
Chairperson, Senate Committee on Higher,
Technical and Vocational Education
Member, VSU BOR
Represented by:

absent


HON. BERNADETTE REMALLA-MAYBITUIN

HON. MARK O. GO
Chair, Committee on Higher & Technical Education
House of Representatives
Member, VSU BOR
Represented by:


HON. MARK MICHAEL C. UNLU-CAY


HON. MEYLENE C. ROSALES
Regional Director, National Economic and
Development Authority Regional Office VIII
Member, VSU BOR

absent
HON. ANDREW RODOLFO T. ORAIS
Regional Executive Director, Department of
Agriculture-RO8
Member, VSU BOR



HON. ERNESTO F. BULAYOG
Faculty Regent -VSU System Faculty Union of
Baybay Leyte
Member, VSU BOR


HON. OSCAR B. POSAS
President, VSU Federated Alumni Association
Member, VSU BOR


HON. SHAINA MAE F. LACABA
Student Regent - VSU Student Council Federation
Member, VSU BOR

Private Sector Representatives:


HON. ALAIN CHARLES J. VELOSO
Member, VSU BOR
Villaba, Leyte


HON. RUPERTO O. APARRI, III
Member, VSU BOR
Tacloban City, Leyte



VISAYAS
STATE UNIVERSITY

Disaster Risk Reduction Management Plan

2023



Vision

A globally competitive university for science, technology, and environmental conservation

Mission

Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

Quality Policy

The Visayas State University (VSU) is a higher education institution created by law to provide excellent instruction, conduct relevant research, and foster community engagement that produce highly competent graduates necessary for the development of the country. Toward this end, we, at the Visayas State University, commit to:

1. produce highly competent, quality, and world-class manpower in science and technology (S&T), especially for agriculture, environmental management and industry who are proficient in communication skills, critical thinking, and analytical abilities,
2. generate and disseminate relevant knowledge and technology that lead to improved productivity, profitability and sustainability in agriculture, environment, and industry,
3. satisfy the needs of the industry, the community and government sector who need quality graduates and technology ready for commercialization through the establishment, operation, maintenance, and continuous improvement of a Quality Management System which is aligned with the requirements of ISO 9001:2015.

It shall be the policy of the university that the quality policies and procedures are communicated to and understood by all faculties, staff, students, and other stakeholders and that the system shall be continually improved for their relevance and effectiveness.

| | |
|-----------------|--|
| Vision: | A globally competitive university for science, technology, and environmental conservation. |
| Mission: | Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment. |

Resolution Adopting the VSU DRRM Plan

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

Message from the University President

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

Preface

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

Existing VSU DRRM-CCA Policies

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

APPROVAL

The signatures below certify that this manual has been reviewed and accepted and demonstrate that the signatories are aware of and are bound to adhere to the provisions contained herein.

Prepared by

VSU Crisis Management Committee (CMC)

Approved by

DANIEL LESLIE S. TAN

Vice-President for Administration and Finance &
Chairman, Crisis Management Committee

Date _____

REVISION HISTORY

| Revision History | Date of Revision | Date of Implementation | Highlights of Revision/ Context |
|------------------|------------------|------------------------|---------------------------------|
| 00 | | | First Version |
| | | | |
| | | | |
| | | | |

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

Visayas State University

Disaster Risk Reduction Management Plan

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

Table of Contents

| | |
|---|----|
| I. INTRODUCTION | 14 |
| II. VISION, MISSION, GOALS | 15 |
| Vision..... | 15 |
| Mission | 15 |
| Goals | 15 |
| III. OBJECTIVES | 17 |
| IV. FRAMEWORK | 18 |
| V. THE VSU DISASTER RISK REDUCTION MANAGEMENT PLAN | 20 |
| A. Ecological Profile | 20 |
| 1. Population and Social Services | 20 |
| 2. Local Economy | 25 |
| 3. Infrastructure and Physical Base | 27 |
| 4. Environmental Management and Natural Resources | 37 |
| B. The VSU DRRM Council Organizational Structure | 40 |
| C. Risk Profile..... | 42 |
| 1. Physical Characteristics | 42 |
| 2. Geology | 42 |
| 3. Topography and Slope..... | 42 |
| 4. Soil | 43 |
| 5. Vulnerabilities and Climate Risks..... | 44 |
| 6. Landslide | 45 |
| 7. Flooding | 45 |
| 8. Storm Surge..... | 47 |
| 9. Tropical Cyclone | 48 |
| 10. Drought..... | 49 |
| 11. Saltwater Intrusion and Sea-Level Rise | 50 |
| 12. Combination of Hazards | 50 |
| D. Situational Analysis: Identifying SWOC for the four DRRM Thematic Areas..... | 52 |

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

| | |
|--|-----|
| 1. Disaster Prevention and Mitigation..... | 53 |
| 2. Disaster Preparedness | 55 |
| 3. Disaster Response..... | 56 |
| 4. Rehabilitation and Recovery | 57 |
| E. Thematic Area Plan | 58 |
| 1. Disaster Prevention and Mitigation..... | 70 |
| 2. Disaster Preparedness | 79 |
| 3. Disaster Response..... | 87 |
| 4. Rehabilitation and Recovery | 94 |
| F. Monitoring and Evaluation | 98 |
| 1. Disaster Prevention and Mitigation..... | 99 |
| 2. Disaster Preparedness | 102 |
| 3. Disaster Response..... | 111 |
| 4. Rehabilitation and Recovery | 114 |
| VI. REFERENCES | 117 |
| VII. ANNEXES | 118 |
| ANNEX A. Standard Operating Procedures | 119 |
| ANNEX B. Adopted Incident Command Structure of VSU..... | 120 |
| ANNEX C. Evacuation Areas in VSU | 121 |
| ANNEX D. Recovery Procedures for Various Library materials | 122 |
| ANNEX E. Fire, Earthquake, Mass Casualty Incident, and Terror Attack Drill Evaluation Form | 130 |
| ANNEX F. Guidelines for the Emergency Operations Center | 131 |
| ANNEX G. Composition and Structure of Crisis Management Committee | 137 |
| ANNEX H. Composition and Structure of University Services for Health, Emergency, and Rescue..... | 138 |
| ANNEX I. Workshop Pictures | 139 |
| ANNEX J. University Emergency Contact Numbers | 140 |

List of Figures

| | |
|--|----|
| Figure 1. The National DRRM Framework..... | 18 |
| Figure 2. The VSU DRRM Framework. | 19 |
| Figure 3. Location map of VSU – Main Campus. | 28 |
| Figure 4. Consolidated lot map of VSU – Main Campus. | 29 |
| Figure 5. Land use map of VSU..... | 34 |
| Figure 6. Land use map of VSU - Main Campus (Campus Area). | 35 |
| Figure 7. Water system map of VSU – Main Campus. | 38 |
| Figure 8. Waste Management Facilities of VSU - Main Campus..... | 39 |
| Figure 9. The VSU DRRM Organizational Structure..... | 40 |
| Figure 10. The VSU DRRM Council. | 41 |
| Figure 11. Slope map of VSU – Main Campus. | 43 |
| Figure 12. Soil map of VSU – Main Campus..... | 44 |
| Figure 13. Landslide hazard map of VSU – Main Campus. | 45 |
| Figure 14. 100-year flood hazard map of VSU – Main Campus. | 46 |
| Figure 15. Flood hazard map of VSU - Main Campus. | 47 |
| Figure 16. Storm surge map of VSU – Main Campus. | 48 |
| Figure 17. Tropical cyclone map of VSU-Main Campus. | 49 |
| Figure 18. Drought map of VSU-Main Campus. | 49 |
| Figure 19. Multi-hazard index map of VSU-Main Campus Areas. | 50 |
| Figure 20. Multi-hazard map of VSU-Main Campus buildings and infrastructures. | 51 |

| | |
|-----------------|--|
| Vision: | A globally competitive university for science, technology, and environmental conservation. |
| Mission: | Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment. |

List of Tables

| | |
|--|----|
| Table 1. 10-year student population projection in VSU-Main Campus..... | 20 |
| Table 2. 10-year population projection of employees in VSU-Main Campus. | 21 |
| Table 3. VSU – Main campus inventory of landholdings. | 30 |
| Table 4. VSU DRRM Council Representatives. | 41 |

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

Executive Summary

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

I. INTRODUCTION

According to the Center for Research on the Epidemiology of disasters (CRED), the Philippines ranked third worldwide in terms the number of reported natural disasters in 2012. Due to the nation's geographical position, it has a high vulnerability to natural hazards.

Natural disasters such as typhoons, earthquakes, volcanic eruptions, landslides, and fires affect the country. Volcanic eruptions and tsunamis are related to the continental plate activity around the "Ring of Fire". The Ring of Fire is a circular arm of active volcanoes that surrounds the Pacific basin. This area in the Pacific Ocean covers nearly 25,000 miles from the southern tip of South America to the coast of North America across the Bering Strait, through Japan and into New Zealand (Philippines: Disaster Management Reference Handbook, March 2018).

Philippines is also located along the typhoon belt. It is visited by an average of 22 typhoons annually, usually resulting in severe/flash-flooding in several parts of the country. Typhoon Yolanda in 2013 resulted in a total of 6293 deaths on top of thousands of others injured and missing and the massive devastation it inflicted on the overall economic growth and development of the country (MANUAL OF OPERATIONS on Health Emergency and Disaster Response Management).

Visayas State University is a premier state University of the country mandated to serve and cater to the development needs of the Visayas Region especially on science, technology, and environmental conservation. It is located in the city of Baybay Province of Leyte. It stands between the majestic Mt. Pangasugan and the Camotes Sea. Owing to its geographic location, cyclonic storms, floods, landslides, and earthquakes have been a principal natural hazard. Likewise, the University runs the risk of man-made hazards such as but not limited to fires, terrorist attacks, technological crisis, workplace violence, malevolence, and organizational misdeeds. All these disasters can escalate into a crisis and if unmanaged may endanger lives and properties. Thus, it is very essential that we come up with a crisis management plan which aims to direct the University in preparing for effective and efficient program for mitigation, preparedness, response, and recovery. It shall be primarily directed at reducing morbidity and mortality while preserving basic services. It shall include the establishment of an incident management system with position description that identifies mission, functions, and responsibilities within the incident response organizational structure. Finally, the program contains strategies and activities for restoring the facility and its services back to its prepared position for any forthcoming events.

| | |
|-----------------|--|
| Vision: | A globally competitive university for science, technology, and environmental conservation. |
| Mission: | Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment. |

II. VISION, MISSION, GOALS

The Vision, Mission, and Goals of the Visayas State University Disaster Risk Reduction and Management (VSU DRRM) Plan is to provide a strategic framework for the institution to enhance its resilience and effectively respond to disasters. Its primary focus is the protection of its constituency (i.e., faculty, staff, students, in-campus residents, and the community it serves) from harm brought about by natural and man-made calamities and emergencies. Another facet of the VSU DRRM Plan is the protection of the pristineness of the campus' flora and fauna, in line with the sustainable development goals (United Nations, 2015), as the campus sits strategically between two beautiful natural landscapes (i.e., the Camotes Sea and the Mount Pangasugan) whilst also strategically located along the track of destructive tropical cyclones.

Vision

VSU as a model of disaster-resilient excellence in higher education, fostering a safe and sustainable environment that thrives in the face of adversity

Mission

To integrate a comprehensive and proactive Disaster Risk Reduction and Management framework in line with VSU's guiding principles in ensuring the safety, well-being, and continuity of learning and research activities. We commit to cultivating a culture of preparedness, responsiveness, and resilience among our students, faculty, staff, and the broader community.

Goals

The following goals collectively provide a roadmap for the university to create a resilient and safe environment, fostering a sense of security and well-being within the academic community as adapted from Sendai Framework for Disaster Risk Reduction 2015-2030 (2015) and Philippine National Disaster Risk Reduction and Management Plan 2011-2028 (2011).

1. Risk Awareness and Education:

- Increase awareness and understanding of disaster risks and resilience among the university community through educational programs, training, and outreach initiatives.

2. Emergency Preparedness and Response:

- Develop and regularly update a robust emergency preparedness and response plan that encompasses various disaster scenarios, ensuring the safety and well-being of everyone on campus.

3. Infrastructure and Facility Resilience:

- Assess, strengthen, and maintain the resilience of university infrastructure and facilities to withstand natural and human-made disasters, minimizing potential damage and downtime.

4. Community Engagement and Partnerships:

| | |
|-----------------|--|
| Vision: | A globally competitive university for science, technology, and environmental conservation. |
| Mission: | Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment. |

- Foster collaboration with local communities, government agencies, NGOs, and other stakeholders to create a network for sharing resources, expertise, and support in disaster preparedness and response.
5. **Research and Innovation for Resilience:**
 - Conduct research to enhance understanding of local hazards, vulnerabilities, and effective mitigation strategies. Encourage innovation in technology and methodologies that contribute to disaster resilience.
 6. **Health and Well-being:**
 - Prioritize the health and well-being of students, faculty, and staff during disasters, ensuring access to medical support, counseling services, and other necessary resources.
 7. **Environmental Sustainability:**
 - Integrate principles of environmental sustainability into campus planning and operations, considering climate change resilience and responsible resource management.
 8. **Continuous Improvement and Adaptation:**
 - Establish a system for regular evaluation of the DRRM plan's effectiveness and responsiveness. Adapt the plan based on lessons learned from simulations, drills, and real incidents.
 9. **Communication and Information Dissemination:**
 - Develop clear communication channels and protocols to disseminate timely and accurate information before, during, and after disasters, ensuring that all stakeholders are well-informed.
 10. **Inclusive and Accessible Planning:**
 - Ensure that the DRRM plan is inclusive and accessible to all members of the university community, considering the diverse needs and abilities of individuals.

III. OBJECTIVES

The Visayas State University aspires to have a safe and secure community conducive for habitation, working, and learning. Hence, the institution of the Office of the University Disaster Risk Reduction and Management (OUDRRM) mandated to saving lives, protection, and preservation of properties especially in times of emergencies and disasters.

Towards this end, the University through the OUDRRM commits to provide guidelines to concerned offices in disaster prevention & mitigation, preparedness, response, and recovery & rehabilitation.

Specifically, it aims to:

1. Prepare disaster risk reduction and management Policies/Guidelines of the university.
2. Guide authorities in decision making in the event of emergencies, disasters, and crises situations.
3. Ensure safety and security of VSU constituents and residents of neighboring communities (MAGPAGUAPA) through awareness activities (i.e., Trainings, Seminars, Drills, and Simulations).
4. Provide timely and appropriate response to emergencies and disasters.
5. Establish a quick post disaster effort in the University towards restoration, recovery, and rehabilitation.

IV. FRAMEWORK

The planning cycle VSU adheres to the National DRRM Framework showing DRRM Cycle presented below (Figure 1).

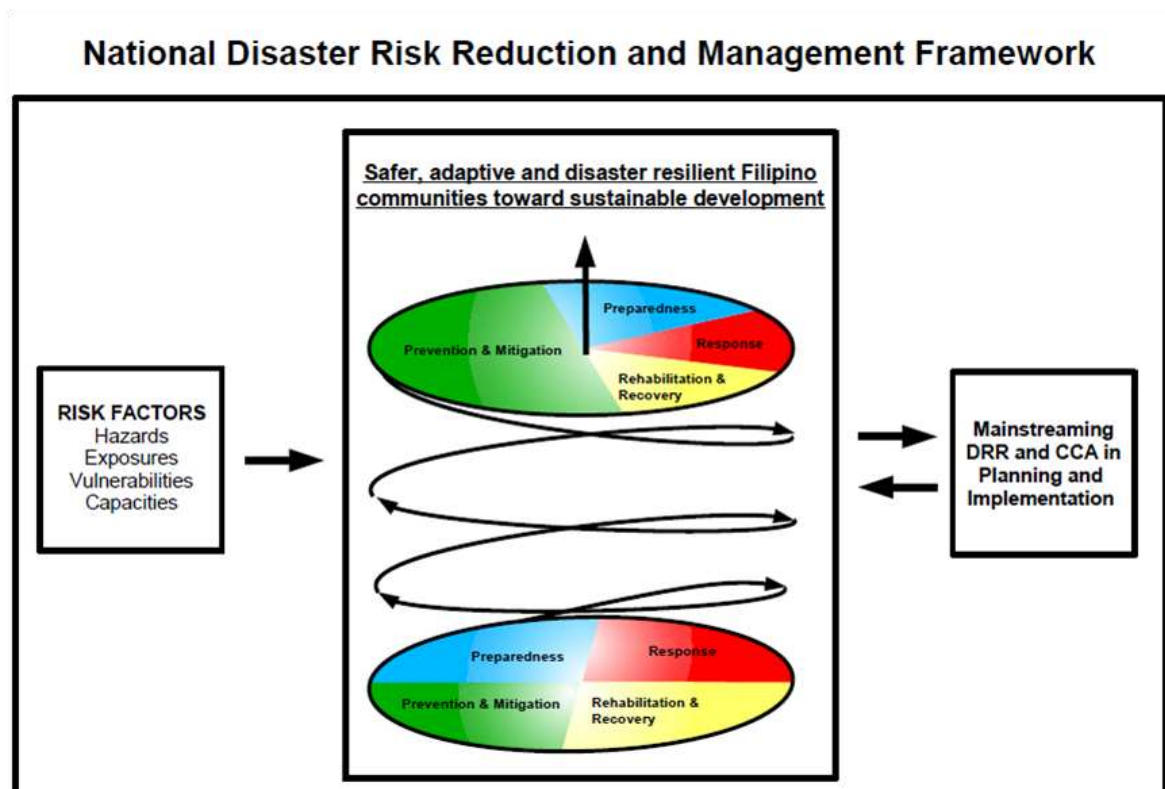


Figure 1. The National DRRM Framework

As seen in the figure, at the inception of the planning, the four thematic are given equal weights. However, with time, the effectiveness of the initiative leads to a much lower efforts on the three areas (preparedness, response, and recovery and rehabilitation) which gives more emphasis on prevention and mitigation, thus, resulting to a more prepared community.

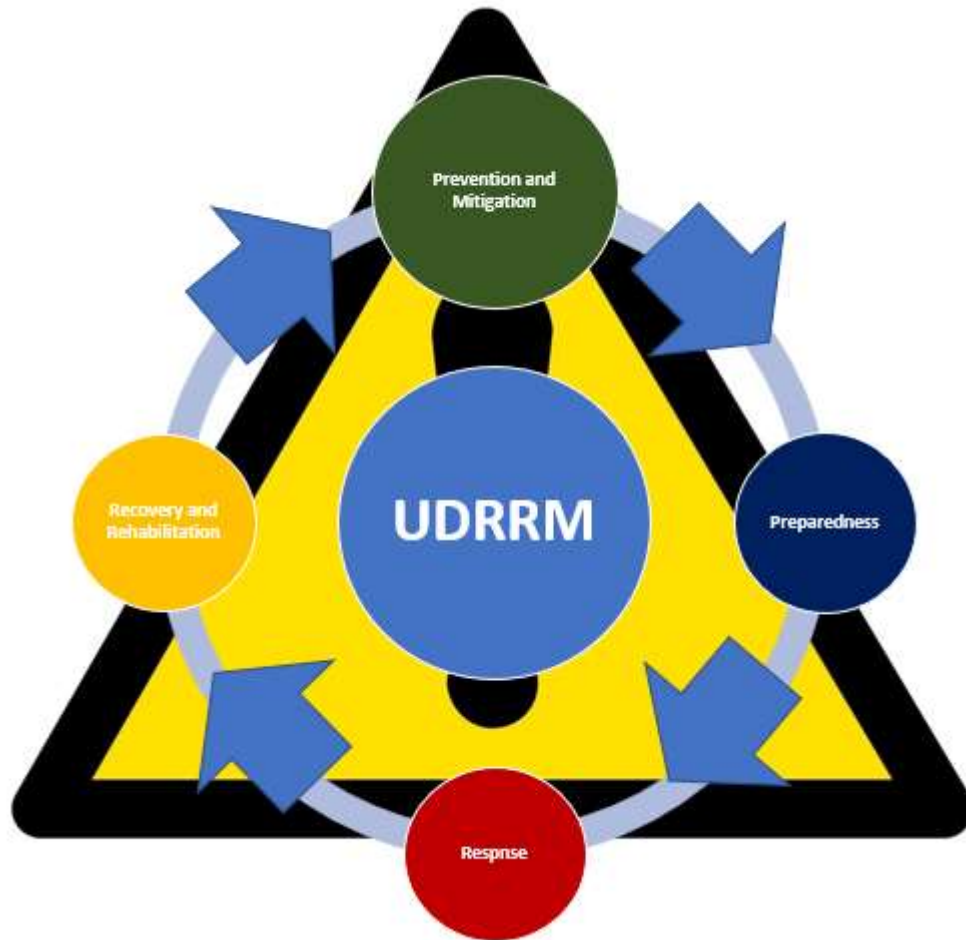


Figure 2. The VSU DRRM Framework.

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

V. THE VSU DISASTER RISK REDUCTION MANAGEMENT PLAN

A. Ecological Profile

1. Population and Social Services

The population of students, faculty, administrative staff, and job order workers in the Visayas State University main campus and even in the external campuses has been increasing since S.Y. 2007-2008. Based on the recent records of 1st Semester S.Y. 2020 – 2021, there are 7,905 students on the main campus.

Furthermore, the total number of employees (faculty, staff, job orders, etc.) that are currently employed in the university is also increasing based on the historical records gathered from the Office of the Director of Human Resource and Development (ODABRD).

10-Year Projection of VSU - Main Campus Student Population

Over the years, the student population inside the campus has increased its number every academic year. In fact, it is one of the important sectors of VSU's Land Use Development and Infrastructure Plan (LUDIP) how to address the growing number of students in the next 10 years. VSU made a projection of the student population from 2020 to 2030 to determine possible facilities needs such as lecture and laboratory rooms as well as faculty and staff that will be hired. Table 1 shows the 10-year student projection for the VSU Main campus. The projection used Linear Regression Analysis based on the previous enrollment data in the past 20 years.

Table 1. 10-year student population projection in VSU-Main Campus.

| School Year Projections | Total No. of Student Enrollees |
|-------------------------|--------------------------------|
| 2020-2021 | 8,145 |
| 2021-2022 | 8,619 |
| 2021-2022 | 9,093 |
| 2022-2023 | 9,590 |
| 2022-2023 | 10,064 |
| 2023-2024 | 10,281 |
| 2023-2024 | 10,754 |
| 2024-2025 | 11,228 |
| 2024-2025 | 11,702 |
| 2025-2026 | 12,176 |
| 2025-2026 | 12,650 |
| 2026-2027 | 13,124 |
| 2026-2027 | 13,597 |
| 2027-2028 | 14,071 |
| 2027-2028 | 14,545 |
| 2028-2029 | 15,019 |

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

| | |
|-----------|--------|
| 2028-2029 | 15,493 |
| 2029-2030 | 15,967 |
| 2029-2030 | 16,440 |
| 2030-2031 | 16,914 |
| 2030-2031 | 17,388 |

10-Year Projection of VSU - Main Campus Employees

Every school year, employees (faculty, staff, job orders, etc.) inside the campus has also increased its number due to the demand of manpower to cater the designed workforce of the institution. Well, it is the major effect on the growing population of students as well, yet it is another important factor also on the VSU's Land Use Development and Infrastructure Plan (LUDIP). This sector is one of the main concerns that will be simplified in the campus development plan over the next 10 years. Same with the student's enrollment, the institution also projected the employee's population to somehow visualize its trend and analyze the aggregate needs such as additional facilities, offices as well as supplementary workers.

Data used for the analysis are based on the secondary data gathered from VSU – ODAHRD. In addition, Linear Regression Analysis is the method used in the projection process. As a result, the projected population of employees in the main campus as shown in Table 11 depicted a continuous increased in number starting from S.Y. 2020 - 2021 to S.Y. 2029 – 2030.

Table 2. 10-year population projection of employees in VSU-Main Campus.

| School Year Projection | Total No. of VSU Employees |
|------------------------|----------------------------|
| 2020-2021 | 410 |
| 2021-2022 | 419 |
| 2022-2023 | 429 |
| 2023-2024 | 438 |
| 2024-2025 | 446 |
| 2025-2026 | 455 |
| 2026-2027 | 464 |
| 2027-2028 | 473 |
| 2028-2029 | 482 |
| 2029-2030 | 491 |

General services

VSU Health Services Office

The office of the Chief of Health Services of the Visayas State University holds the following functions:

| | |
|-----------------|--|
| Vision: | A globally competitive university for science, technology, and environmental conservation. |
| Mission: | Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment. |

1. Conduct entrance and periodic (annual) Medical examination and dental as well as prevention.
2. Provide medical and dental services (OPD, ER and In-Patient) to faculty, staff and student and their dependents as well as resident of neighboring communities.
3. Conduct pre-participation sports evaluation.
4. Provide the I\University with information on health matters.
5. Provide preventive and control measures of communicable and non-communicable diseases.
6. Assist and provide acceptable standards and recommendation for environmental sanitation.
7. Provide emergency response and rescue service in time of manmade or natural disasters.
8. Keep up to date medical record of faculty, staff, and student.
9. Formulate health policies to be observed by the University constituents.
10. Comply with health regulatory requirements (DOH, DENR, FDA, BFP).
11. Submit an annual report and other reports required by the University president.
12. Perform such other duties as maybe prescribed by the president.

Security

Office of the University Disaster Risk Reduction Management and Security Services

The Safety and Security quality procedure of OUDRRM's goal is to provide a safe and secure environment for all members of our faculty, staff, students, VSU personnel, and other visitors of our campus. VSU Campus Security works to help you maintain your safety and protect your property by providing enforcement services and sharing information you can use to reduce your chances of becoming a crime victim. OUDRRM will accomplish our goal by partnering and collaborating with the community, by providing services in a professional, courteous manner, and by affording dignity and respect to all personalities. Our goal is to partner with you to VSU campus community a safe and secure workplace.

1. Advise the University President on matters relating to DRRM.
2. Formulate and implement policies in the areas of disaster risk reduction management.
3. Conduct regular education for VSU constituents on the procedures in reducing and mitigating risk due to fire, flood, earthquake and other natural or man-made threats to human safety and security, including government properties.
4. Identify, assess, and prioritize hazards and risks in consultation with key stakeholders.
5. Develop and ensure the implementation of national standards in carrying out disaster risk reduction programs including preparedness, mitigation, prevention, response, and rehabilitation works, from data collection and analysis, planning, implementation, monitoring, and evaluation as provided in Republic Act 10121.
6. Identify, assess, and manage the hazards and risks that may occur in the school.

7. Communicate about those hazards and risks, their nature, effects, early warning signs and counter measures.
8. Identify and implement cost-effective risk reduction measures or strategies.
9. Take all necessary steps on an ongoing basis to maintain, provide or arrange the provision of trained and competent personnel for effective and efficient disaster risk management in their areas or jurisdiction.
10. Respond to and manage the adverse effects of emergencies in their area of jurisdiction.
11. Leads in carrying out recovery activities.
12. Promote and raise public awareness of and compliance with policies and directives issued by the chairman of DRRMO relative to disaster risk management.
13. Develop, approve, implement, and monitor School Disaster Risk Management Plans and regularly review and test the plan consistent with other national and local planning programs.
14. Establish linkage and network with other Local government units for disaster risk reduction and emergency response purposes.
15. Formulate, prepare, and issue orders, Memoranda, and Issuances consistent with the requirement of the National Disaster Coordinating Council (NDCC)
16. Lead in the integration of risk reduction education into school development plans, programs, and budgets as a strategy in schools' sustainable development and improvement plans.
17. Establish an operating facility to be known as the School Disaster Operations Center; and
18. Prepare and submit to the Regional Disaster Risk Reduction Management Office, National Disaster Coordinating Council damage and needs assessment reports; and include as part of the School Improvement Plan disaster risk reduction measures to ensure safety, and security of all facility and staff and students.

Motor Pool

The office of the Head of the Motor Pool Unit of the Visayas State University holds the following functions:

1. Assists the PPO Director in planning, implementation and monitoring of all repair and maintenance activities:
 - Heavy Equipment
 - Light Vehicle
 - Mobilization of all University Vehicle
2. Recommends to the PPO Director the repair and Maintenance activities for budget approval.
3. Supervises the implementation of repair and maintenance activities.

Allied Services

Housing for SUC Employees

The main campus of Visayas State University has 75 housing facilities for faculty and staff. There are 169 units/rooms in total in these housing facilities, which include the following: Apartment, Bachelor's Apartment, Duplex, GTZ Duplex, PCARRD Housing, International House, and VSU Staff Cottages. Furthermore, the Apartment Building has 72 rooms in total, the Bachelor's Apartment has 14 rooms, the Duplex has 20 rooms, the PCCARD Housing has 8 units, the GTZ Duplex has 2 units, the International House (IH) Building has 14 rooms, and the VSU Cottages have 60 units in total.

According to the VSU Housing Census 2020, an estimated total of 726 VSU employees and their household members live in the above-mentioned housing facilities. VSU's population on campus has grown in recent years, not only in terms of students, but also in terms of the university's staff. This is because the number of students grows each school year. As a result, VSU will bear the responsibility of housing these additional workers who will be residing on campus. As a precaution, the university administration has begun school development planning on where to build these new housing facilities to avoid a shortage in the next 10 or 20 years.

Dormitories and Cottages

Visayas State University's main campus has a total of twenty-six (26) dormitories/cottages. On the lower campus, there are three (3) male dorms and fourteen (14) female dorms (beach side). Moreover, on the upper campus, there are four (4) male dorms, three (3) female dorms, and two (2) residence halls for graduate students (mountain side). The University Student Services Office (USSO) also announced a maximum of thirty (30) registered off-campus boarding houses.

Providing dormitories/cottages for students, especially freshmen, is one of the university's allied priorities each academic school year. These dorms are home to 531 male students, 1,189 female students, and 50 graduate students, according to the University Student Services Office (USSO). The main campus dormitories house 1,170 students on a yearly basis. Furthermore, there are 2,350 male/female residents in all boarding houses outside of campus.

The number of students living on and off campus at the university has risen per academic year. The university administration has been tasked with meeting these needs for students in the coming academic years. As a result, VSU has started the preliminary stages of preparing for the provision of student housing in the future.

Clinic and Emergency Response

The University Services for Health, Emergency, and Rescue's (USHER) of the Visayas State University is the center for all medically related activities in the university. It is a school based, government owned, Primary Care Facility classified as Infirmary with 14 bed authorized capacity under the New Classification of Hospital (DOH A.O. 2012-0012). PhilHealth - Accredited.

USHER is responsible in provision of a responsive, quality, and sustainable health, emergency and rescue services to the university constituents and the general community by committed, motivated and highly qualified health human resource. Furthermore, it provides services that will cater various diseases, injuries, and other deformities and if necessary, refer patients to medical specialists and or higher center for further evaluation and management.

Place of Worship

Holy Spirit Parish, the university's place of worship is situated behind the Philippine Carabao Center (PCC) complex, near the national highway, and along the Lago-Lago River on of Visayas State University main campus. The parish was founded in 1962, and the construction was completed with the help of ViSCA students and supervision from previous school administration between 1961 and 1962. Donations and assistance from faculty and staff provided the materials for the building.

At Visayas State University, the Holy Spirit Parish holds weekly worship services such as Sunday mass and spiritual meetings for big events. VSU citizens such as students, faculty, and employees, are the main recipients of the parish's establishment.

2. *Local Economy*

VSU Technomart and Pasalubong Center

This Technomart and Pasalubong Counter Building is a proof of the commitment of the current administration of the Visayas State University (VSU) and the Visayas Consortium for Agriculture and Resources Program (ViCARP) to promote and commercialize S&T Products in the region so that the intended beneficiaries and other stakeholders may continue to enjoy the fruits of S7T undertakings.

The construction of this building was made possible largely with the support of the former Representative of the 5th District of Leyte and now Mayor of the City of Baybay, Honorable Carmen Loreto-Cari and the Honorable Senator Edgardo G. Angara.

This building is dedicated to Dr. Patricio S. Faylon – Executive Director of the Philippine Council for Agriculture, Forestry and Natural Resources Research and Development, under the Department

| | |
|-----------------|--|
| Vision: | A globally competitive university for science, technology, and environmental conservation. |
| Mission: | Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment. |

of Science and Technology. Dr. Faylon's constant push for the promotion and commercialization of S&T Products had led to the successful implementation of the Techno- Mart Program.

VSU Guesthouse and Pavilion (GHP)

The VSU Guesthouse and Pavilion (GHP) was initially created to cater the food service for the guests of the university. Ultimately, it became a food center serving the students residing in the dormitories at the surrounding area. In 2003, the GHP became an income- generating project of the university expanding its services not only to the guests of the university but also to the public. For this reason, it caters meals during conferences, seminars, trainings, and workshops. Furthermore, it also caters special occasions like anniversaries, baptisms, birthdays, graduations, parties, reunions, and weddings. The GHP had 15 staffs then, four of which are permanent and eleven on job order. At present, the GHP is headed by Josefina M. Larrosa (Manager/Administrative Assistant III) and Arrah Mae C. Godoy (Food Service Supervisor I). The staff grew from 15 to 21 - comprising of four regular, one casual and sixteen job order staff. The GHP is up for renovation soon to make it appear as a world class caterer and venue for many occasions. This only proves that the GHP is really serving its purpose as an income- generating project.

VSU Sea Front Suite

VSU Sea Front Suite is two cottage units located near the beach. VSU Seafront Suite is a Special Trust Fund with a 50% university share on gross sales. The IGP was established in the Year 2009, proposed, and established by Dr. Jose L. Bacusmo, former VSU president. It was established to accommodate visitors and university guests and to provide additional financial support to the university.

There are five (5) workers in the VSU Sea Front Suite. Two of them are in-charge in housekeeping the 2 units and accommodating the guests with their needs during their stay. The other oversees laundry and monitoring of supplies and assists in the housekeeping chores. The other one oversees maintaining the cleanliness, landscaping, and gardening of the whole area and facilities of the Seafront suite and the other one is responsible for making monthly production reports, reimbursement, payroll, etc. of GBR and SS.

VSU Seafront and Suites has four air-conditioned rooms, a kitchen, and home entertainment per unit. Each unit costs Php 3500.00 per night. For party events, there is an additional of Php 1,000.00, use of riverside pavement with tent Php 1,500.00, social park area stage is Php 500.00, chair rental Php 5.00 per chair, table rental Php 50.00 per table and sound system with video is Php 1,500.00. Each unit can accommodate a maximum of 9 persons.

Apartelle

The Visayas State University (VSU) has a "Learning Center" which was a dormitory type of accommodation for participants attending training and seminars in the university. In 2008, it was renovated into a 10-room building that can accommodate the university's guests. In October 2009 when the university was hosting the State Colleges and Universities Athletic Association

| | |
|-----------------|--|
| Vision: | A globally competitive university for science, technology, and environmental conservation. |
| Mission: | Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment. |

(SCUAA), it was launched as Apartelle a suite-type accommodation. At that time Apartelle only accepts university guests. But in 2010, it started to accept leisure guests.

Apartelle is located at the lower campus of the university beside the Guesthouse. Its facade is facing the majestic Mt. Pangusagan while the back is facing the beach. Apartelle has ten (10) rooms each with a veranda facing the beach and a mini kitchen equipped with a refrigerator. Five (5) of which are Standard room with three (3) single beds; three (3) under Deluxe category with a queen-sized bed and two (2) Superior room with a king-sized bed.

Balay Alumni

The VSU Balay Alumni Heritage House is one of the most important historical landmarks of VSU. This used to be the Old Administration Building of the college. Because of the concerted efforts of the past and present officers of the association this was converted into "Balay Alumni". The building was renovated in the year 2000 and inaugurated on July 29, 2000. The VSU Balay Alumni is under the supervision of the VSU Alumni Association Inc.

VSU Credit Cooperative Office

The Visayas State University (VSU) Credit Cooperative (VSUCC) is a primary credit cooperative organized by the VSU faculty and staff with the main purpose of providing efficient and affordable credit and allied services to members. It started as the Visayas Agricultural College Credit Union (VACCU) in the 1960's, renamed as ViSCA Credit Cooperative (ViSCCO) in 1994, renamed as LSU Credit Development Cooperative in 2002, and now the VSU Credit Cooperative (VSUCC) starting November 2010. The VSUCC adheres to all regulations promulgated by the Cooperative Development Authority (CDA) and other regulatory bodies. Likewise, it observes the requirements set by the Philippine Federation of Credit Cooperative (PFCCO) to which it is affiliated and the new Cooperative Code of the Philippines, RA No. 9520.

3. *Infrastructure and Physical Base*

The Visayas State University VSU - Main Campus is well located 8 km north of Baybay City, Leyte, and 34 km south of Ormoc City between latitude 10°44'49.2'' N and longitude 124°47'46.8'' E at an elevation of 7 m above sea level (Figure 3). The campus distinctly possessed two important natural boundary landmarks: the Pangasugan Mountain range in the east and the Camotes Sea in the west. Aside from the campus estates, it is distinguished by academic/institutional buildings, agricultural production, pastures, research/experimental areas, and forest reserves. The institution is surrounded by vegetative cover, root crops, rice fields, and other farming areas created by the university's various agricultural research projects, among other things.

The Visayas State University has adequate watershed reserves, natural springs, clean and cool water from various water sources due to the abundant native trees and healthy forest ecosystem in

| | |
|-----------------|--|
| Vision: | A globally competitive university for science, technology, and environmental conservation. |
| Mission: | Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment. |

Mt. Pangasugan and the Leyte Cordilleras. Aside from the domestic, office, and laboratory uses, the clean and cool water from the mentioned sources is used to irrigate the university's agricultural areas and used in the neighboring barangay. The water supply has not been a recurring problem of the university.

Generally, the university's climate is characterized by a tropical monsoon climate, with no pronounced dry season, since the university's location is on Leyte Island (Kintanar, 1984). The data from the PAGASA1 Weather Station (7 m) based on the campus showed an annual average temperature of 27.4°C and average annual precipitation of 2586 mm (Langenberger & Belonias, 2011). Furthermore, based on the record, the rainfall distribution is not homogenous. The months' March to May received only 95 mm to 133 mm monthly, which is considered much less precipitation than November to January with 284 mm to 296 mm precipitation. The lower amount of rainfall in Baybay is due to its lower elevation (7 m asl) and greater distance to the mountain range. Another important event in the area is the occurrence of typhoons and the often-associated landslides.

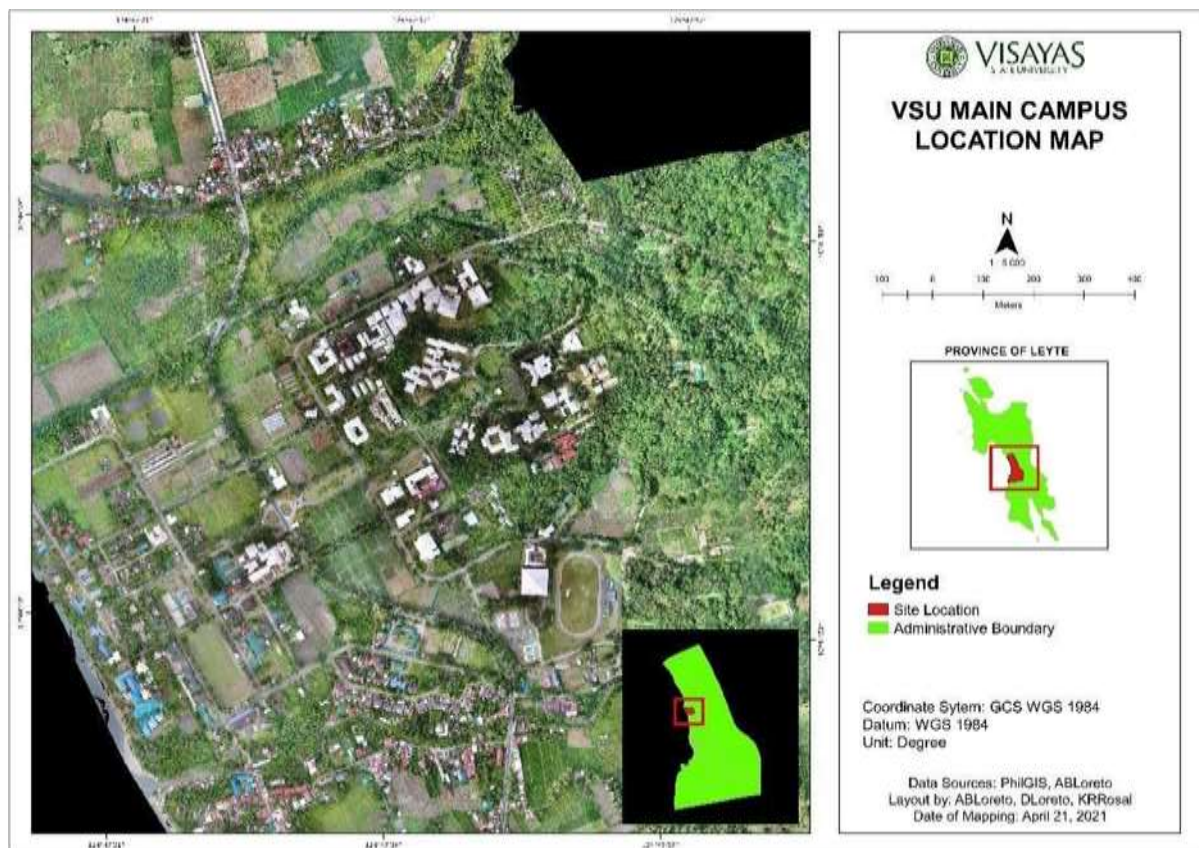


Figure 3. Location map of VSU – Main Campus.

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

In terms of various hazards, the main campus is vulnerable to calamities and other natural disasters brought by climate change such as flooding, tropical cyclones, landslides, drought, earthquake, soil erosion and storm surge. The lower campus of VSU Main is more prevalent to hazard effects compared to the upper campus. Furthermore, this lower campus is primarily an open space with lower topography bordering near the coasts of Camotes Sea.

Inventory of Landholdings

According to the VSU's Records Office, the Visayas State University - Main Campus owns a total of 104 parcels. These parcels were obtained through purchase, donation, and presidential proclamation land grant/award. On January 19, 1927, Proclamation No. 64 designated a 626.5-hectare public domain parcel in Brgy. Pangasugan, Baybay City, Leyte as being reserved for agricultural school purposes. This resulted in the use of land by a public school known as Baybay Agricultural School (BAS), which grew rapidly over the years and is now known as Visayas State University (VSU).

Residents from Brgy. Marcos and Pangasugan, began selling and donating portions of their land to the university in the late 1930s and early 1940s. Some of these were purchased by the university and transferred to the university's name in the late 1970s. These aforementioned lots/parcels were privately owned, homestead, and free patent (See Figure 4).

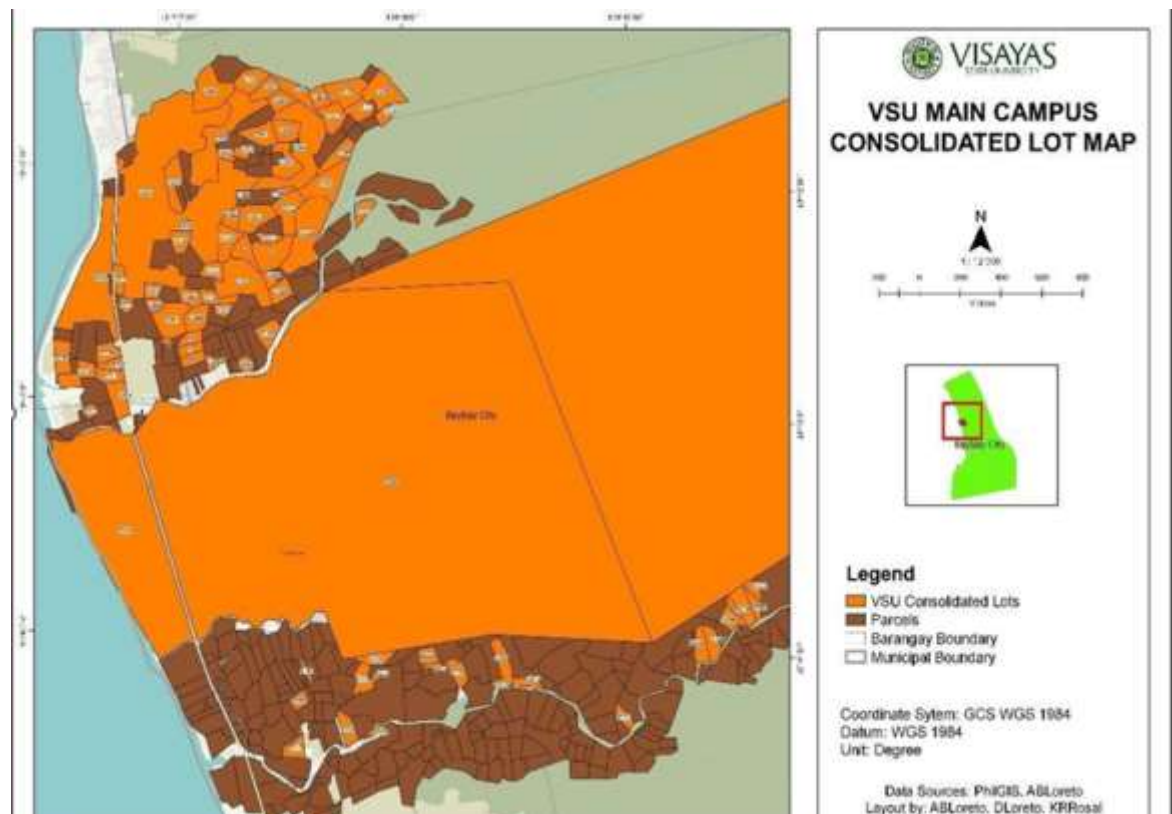


Figure 4. Consolidated lot map of VSU – Main Campus.

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

Table 3 shows that the university acquired 31 lots of land before that had not yet been transferred to VSU's name. Most of these lots were at Brgys. Pangasugan and Marcos. The others had already been transferred to VSU's name, as seen on the Transfer Certificate of Title (TCT) from the Records Office, while the others were originally owned by the university via land grant. The university is currently collecting all legal documentation attesting to VSU's possession of the previously acquired properties. In fact, the university's concerned office was currently conducting research on these land titles and lot numbers, checking its cadastral boundaries, whether these land titles really correspond to Baybay City's most recent cadastral data, as well as the true/legal owners before and after it was purchased.

Table 3. VSU – Main campus inventory of landholdings.

| Title No. | Lot No. | Status of Ownership | Remarks ¹ |
|-----------|---------|-------------------------------|----------------------|
| T-17325 | 6833 | Transfer Certificate of Title | ┆ |
| T-16654 | 7160 | Transfer Certificate of Title | ┆ |
| T-16759 | 7161 | Transfer Certificate of Title | ┆ |
| T-17233 | 7163 | Transfer Certificate of Title | ┆ |
| T-17231 | 7165 | Transfer Certificate of Title | ┆ |
| T-17148 | 7198 | Transfer Certificate of Title | ┆ |
| T-17019 | 7207 | Transfer Certificate of Title | ┆ |
| T-17021 | 7212 | Transfer Certificate of Title | ┆ |
| T-16658 | 7224 | Transfer Certificate of Title | ┆ |
| T-7062 | 7226 | Transfer Certificate of Title | ┆ |
| T-17020 | 7230 | Transfer Certificate of Title | ┆ |
| T-16954 | 7231 | Transfer Certificate of Title | ┆ |
| T-14872 | 7241 | Transfer Certificate of Title | ┆ |
| T-19901 | 7245 | Transfer Certificate of Title | ┆ |
| T-13009 | 7251 | Transfer Certificate of Title | ┆ |
| T-16852 | 7252 | Transfer Certificate of Title | ┆ |
| T-16851 | 7253 | Transfer Certificate of Title | ┆ |
| T-13010 | 7254 | Transfer Certificate of Title | ┆ |
| T-13005 | 7255 | Transfer Certificate of Title | ┆ |
| T-13003 | 7258 | Transfer Certificate of Title | ┆ |
| T-13008 | 7259 | Transfer Certificate of Title | ┆ |
| T-13007 | 7260 | Transfer Certificate of Title | ┆ |
| T-13006 | 7261 | Transfer Certificate of Title | ┆ |
| T-16948 | 7263 | Transfer Certificate of Title | ┆ |
| T-17072 | 7268 | Transfer Certificate of Title | ┆ |
| T-19176 | 7271 | Transfer Certificate of Title | ┆ |
| T-16423 | 7293 | Transfer Certificate of Title | ┆ |
| T-17230 | 7295 | Transfer Certificate of Title | ┆ |

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

| | | | |
|---------|------|-------------------------------|---|
| T-19174 | 7300 | Transfer Certificate of Title | ┆ |
| T-17263 | 7301 | Transfer Certificate of Title | ┆ |
| T-13004 | 7302 | Transfer Certificate of Title | ┆ |
| T-13002 | 7303 | Transfer Certificate of Title | ┆ |
| T-13017 | 7305 | Transfer Certificate of Title | ┆ |
| T-13014 | 7306 | Transfer Certificate of Title | ┆ |
| T-1466 | 7307 | Transfer Certificate of Title | ┆ |
| T-16396 | 7310 | Transfer Certificate of Title | ┆ |
| T-13012 | 7313 | Transfer Certificate of Title | ┆ |
| T-13011 | 7314 | Transfer Certificate of Title | ┆ |
| T-16424 | 7316 | Transfer Certificate of Title | ┆ |
| T-16849 | 7328 | Transfer Certificate of Title | ┆ |
| T-13020 | 7330 | Transfer Certificate of Title | ┆ |
| T-13021 | 7332 | Transfer Certificate of Title | ┆ |
| T-16659 | 7333 | Transfer Certificate of Title | ┆ |
| T-13024 | 7336 | Transfer Certificate of Title | ┆ |
| T-13013 | 7337 | Transfer Certificate of Title | ┆ |
| T-16945 | 7339 | Transfer Certificate of Title | ┆ |
| T-16850 | 7341 | Transfer Certificate of Title | ┆ |
| T-16750 | 7342 | Transfer Certificate of Title | ┆ |
| T-19902 | 7344 | Transfer Certificate of Title | ┆ |
| T-5777 | 7351 | Transfer Certificate of Title | ┆ |
| T-13019 | 7353 | Transfer Certificate of Title | ┆ |
| T-6937 | 7354 | Transfer Certificate of Title | ┆ |
| T-13015 | 7360 | Transfer Certificate of Title | ┆ |
| T-13016 | 7362 | Transfer Certificate of Title | ┆ |
| T-13018 | 7363 | Transfer Certificate of Title | ┆ |
| T-17079 | 7365 | Transfer Certificate of Title | ┆ |
| T-19904 | 7366 | Transfer Certificate of Title | ┆ |
| T-16823 | 7367 | Transfer Certificate of Title | ┆ |
| T-16794 | 7369 | Transfer Certificate of Title | ┆ |
| T-16824 | 7370 | Transfer Certificate of Title | ┆ |
| T-6851 | 7372 | Transfer Certificate of Title | ┆ |
| T-5614 | 7378 | Transfer Certificate of Title | ┆ |
| T-17080 | 7379 | Transfer Certificate of Title | ┆ |
| T-17232 | 7383 | Transfer Certificate of Title | ┆ |
| T-19655 | 7384 | Transfer Certificate of Title | ┆ |
| T-16946 | 7385 | Transfer Certificate of Title | ┆ |
| T-16657 | 7399 | Transfer Certificate of Title | ┆ |
| T-13022 | 7400 | Transfer Certificate of Title | ┆ |

Vision: A globally competitive university for science, technology, and environmental conservation.

Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

| | | | |
|---------|-----------------------------------|-------------------------------|---|
| T-19903 | 9524 | Transfer Certificate of Title | ✓ |
| T-17023 | 9525 | Transfer Certificate of Title | ✓ |
| T-16878 | 9528 | Transfer Certificate of Title | ✓ |
| T-17149 | 9547 | Transfer Certificate of Title | ✓ |
| T-5622 | 9548 | Transfer Certificate of Title | ✓ |
| T-19900 | 9550 | Transfer Certificate of Title | ✓ |
| T-17235 | 9573 | Transfer Certificate of Title | ✓ |
| T-6029 | 9584 | Transfer Certificate of Title | ✓ |
| T-5823 | 9702 | Transfer Certificate of Title | ✓ |
| T-16756 | 9703 | Transfer Certificate of Title | ✓ |
| T-16656 | 9704 | Transfer Certificate of Title | ✓ |
| T-17078 | 9705 | Transfer Certificate of Title | ✓ |
| T-18375 | 9706 | Transfer Certificate of Title | ✓ |
| T-16848 | 9708 | Transfer Certificate of Title | ✓ |
| T-16757 | 9724 | Transfer Certificate of Title | ✓ |
| T-16886 | 9741 | Transfer Certificate of Title | ✓ |
| T-17346 | 7247-A | Transfer Certificate of Title | ✓ |
| T-19399 | 7247-B | Transfer Certificate of Title | ✓ |
| T-16395 | 7297-A | Transfer Certificate of Title | ✓ |
| T-16532 | 7297-B | Transfer Certificate of Title | ✓ |
| T-17147 | 7297-E | Transfer Certificate of Title | ✓ |
| T-16394 | 7297-F | Transfer Certificate of Title | ✓ |
| T-16531 | 7297-G | Transfer Certificate of Title | ✓ |
| T-16660 | 7329-A | Transfer Certificate of Title | ✓ |
| T-19177 | 7329-B | Transfer Certificate of Title | ✓ |
| T-7101 | 7338-A | Transfer Certificate of Title | ✓ |
| T-15161 | 7338-B | Transfer Certificate of Title | ✓ |
| T-7103 | 7338-C | Transfer Certificate of Title | ✓ |
| T-7100 | 7338-D | Transfer Certificate of Title | ✓ |
| T-15271 | Lot 2 - Psu-25294 | Transfer Certificate of Title | ✓ |
| T-24061 | Lot No. 23, Psd-3553 (Pasay City) | Transfer Certificate of Title | ✓ |
| T-86012 | Lot No. 7 - Blk 13, Pcs-389 | Transfer Certificate of Title | ✓ |
| FP-3221 | Free Patent (FP-3221) | Free Patent | ✓ |
| P-3051 | Homestead Patent (P-3051) | Homestead Patent | ✓ |
| | Proclamation No. 64 | Proclamation | ✓ |

1 – Transferred/Registered to VSU's Name (✓)

Not yet Transferred/Registered to VSU's Name (✓)

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

Currently, several private individuals take possession of these parcels of land which cause problems for the university. In Brgys. Pangasugan and Patag, a few illegal settlers occupied and developed VSU's property. These settlers had been occupying the property for over 20 years, claiming ownership of the land. Nonetheless, it has been a serious concern of the university as to what appropriate measures must be taken to resolve the issue. Assistance from Baybay City LGU was sought to relocate the illegal settlers in the LGU-managed housing projects.

Existing Land Use and Land Use Trends

The total land area of Visayas State University - Main Campus is estimated to be 1,100 hectares. The campus currently allocates portions of this large extent for institutional use, research projects, agricultural production areas, recreational areas/open spaces, student dormitories, housing for faculty/staff, commercial establishments, and so on. For the past 20 years, the university has demonstrated a diverse agricultural development, earning its recognition as one of the region's top agricultural research universities. Agricultural use has taken up nearly 40% of the total land area at the school. Aside from academic zones, rice production, root crops, vegetable, dairy, and livestock areas were among the most common land uses on campus. As shown in Map 10, the university's academic zones were mostly concentrated in the upper campus, while commercial establishments and housing units were concentrated in the lower campus, which was located along the beach areas. Since then, the university has been surrounded by green spaces. However, there were still areas of land that the institution did not use. As a result, these abandoned or idle lands remained in disuse until they were occupied by informal settlers.

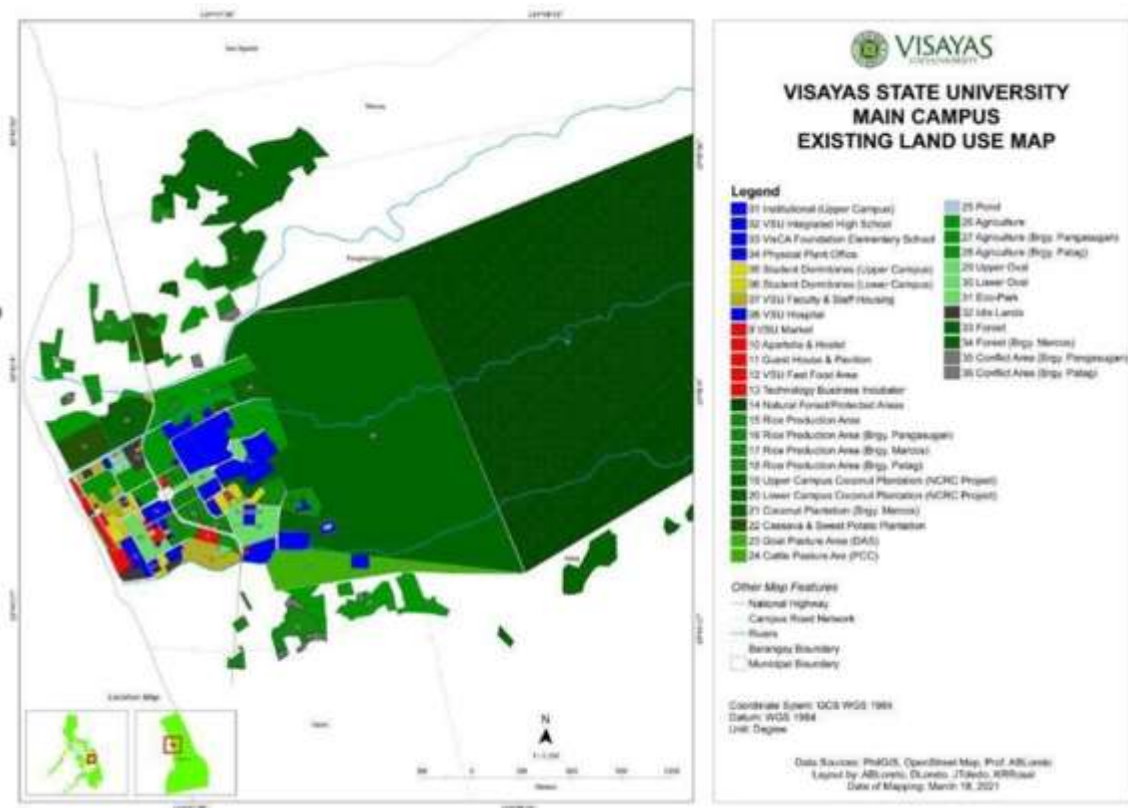


Figure 5. Land use map of VSU.

Over time, the university began converting its land use to meet the demand for additional facilities such as academic buildings, dormitories, employee housing, road widening, research area expansion, and so on. These trends continue in the university, as the current administration's main plan is to propose and build more buildings to accommodate the university's projected population (students, faculty, and employees). VSU – Main Campus has already converted portions of its land from forest to agriculture, idle lands to agriculture/academic, and agriculture to academic use. In fact, determining where to delineate these suitable areas for expansion is one of the university's challenges. As a result, a well-developed plan is critical in determining what and where these land areas on campus will be agreed upon for future land use conversions.

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

Land uses on the VSU campus, as depicted in Map 11, primarily include institutional areas, commercial areas, student dormitories, and faculty/staff housing, agriculture, pasture areas, forest and protected areas, and idle lands. Furthermore, agricultural lands on campus include rice production, vegetable, root crops, and a fishpond. VSU has approximately 113 hectares of land designated for agricultural use. The topography of these large parcels (No. 26 on Map 11) is flat and sloping. Agricultural lands near VSU's research center in front of NCRC, NARC, and DBS are considered plane relief, and have been used by various agricultural research projects since then. Also, there are agricultural lands in the lower campus situated near the IH Building and Agromet which has been used also by research centers and students as project area over the past years.

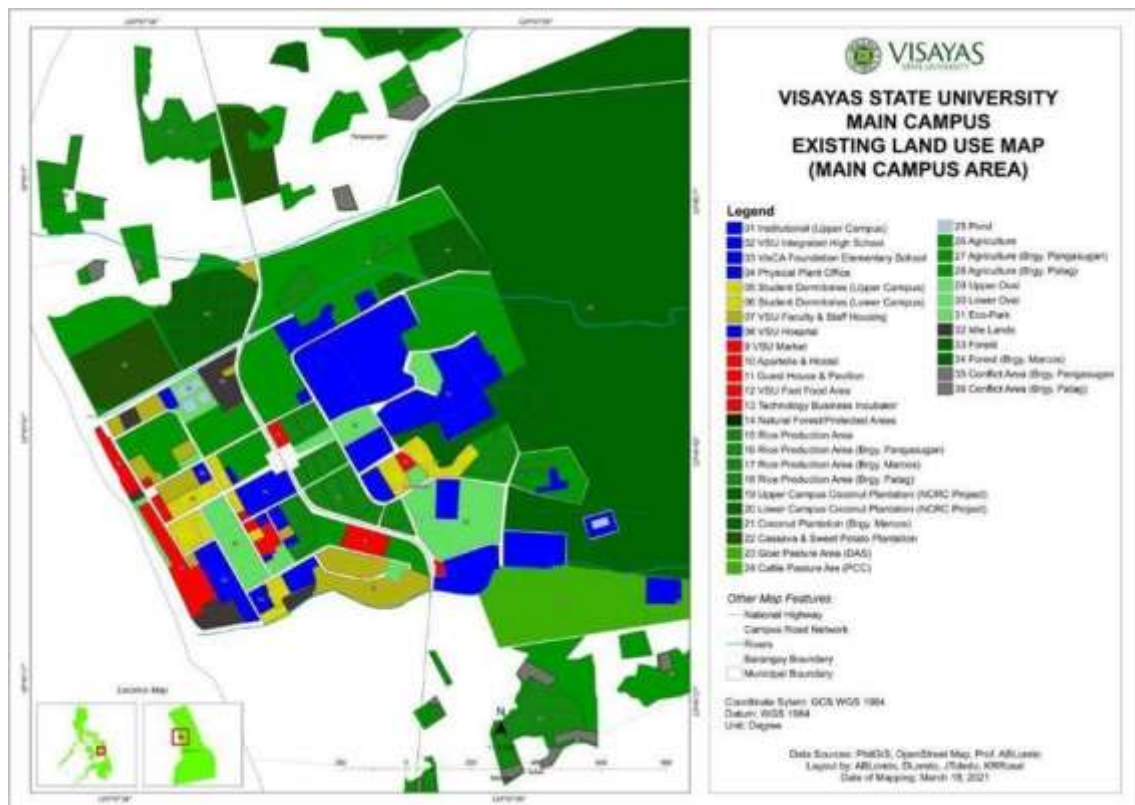


Figure 6. Land use map of VSU - Main Campus (Campus Area).

These agricultural fields that were not fully utilized by the university will serve as potential conversion areas in the future, which will then be used for academic expansions. VSU's main campus currently has enough space for future expansion plans. Idle lands, grasslands, and rice field areas near the market, as well as the VSU new library, are all potential development areas. Future developments could include the construction of new academic buildings, research centers, student dormitories, faculty/staff housing, road construction, and so on. Forest reserves and protected areas cover nearly 75% of VSU's total land area. It is also the primary reason that VSU is regarded as a flora and fauna sanctuary in the province. According to Section 15 of PD 705, lands with an eighteen percent (18%) slope or greater are classified as forest lands (Forestry Reform Code). Thus, according to the law stated in Section 16 of PD 705, land owned by the university in the forest area

| | |
|-----------------|--|
| Vision: | A globally competitive university for science, technology, and environmental conservation. |
| Mission: | Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment. |

with slopes less than 18 percent can be considered as subject to future expansion in the said institution.

4. *Environmental Management and Natural Resources*

Water Resources

Finding reliable and resilient water supply in every university is a very important approach as it is an essential need for domestic use by the residents of the university. Thus, providing sustainable water source with long term negative impact to the environment is very vital in terms for university's long term land use and infrastructure planning as well. Autonomy and independence for potable water has been the practice of Visayas State University. Nestled in the mountain range of Mt. Pangasugan and through its effort and environmental advocacy of protecting the watershed, the university enjoyed and lavished the abundance of drinking water for its constituents.

Four major water sources had been explored, developed, and maintained for the university's water sufficiency. Situated in higher elevation, water was drawn out naturally without any aid of mechanical or induction motor and distributed in every building, facilities, dormitories, and residential areas by means of gravity.

Water source system in the Visayas State University (VSU) – Main Campus consists of four (4) water systems. Four water systems are the following: (1) Old Lago-Lago Water System, (2) Magboto Water System and (3) Magdago-oc and (4) Tayoto Water System. As shown in Map 16, Old Lago-Lago Water System is the oldest source and approximately 2 km from the university streaming along the Lago-Lago River of Brgy. Patag. Magboto Water System is way farther compared to the Old Lago-Lago but same stream source and is approximately 2.8 km from the campus. On the other hand, Magdago-oc connected with the Tayoto Water System is one of the newly established lines, which is streaming along the Calbiga-A river of Brgy. Pangasugan and is approximately 1.8 km from the campus. These water lines have been the major water sources of the University over the past decades. These provide a potable water for students, university workers as well as an efficient source for laboratories and agriculture research in the campus.

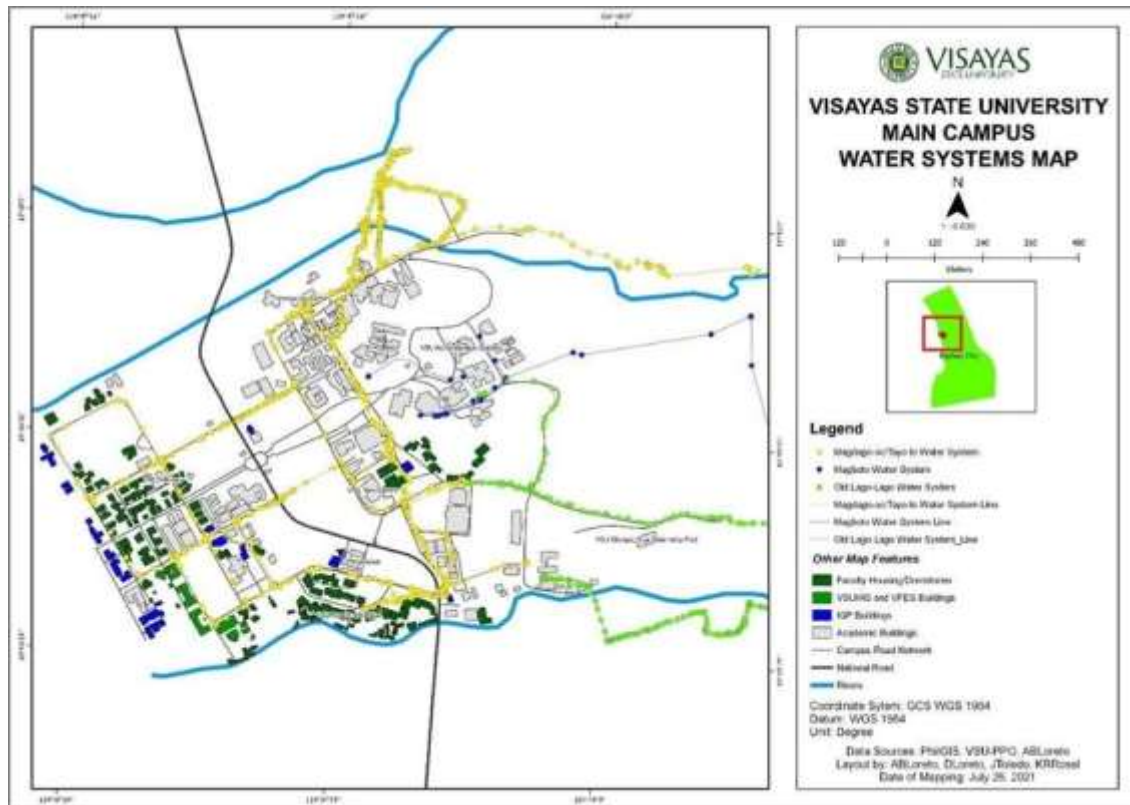


Figure 7. Water system map of VSU – Main Campus.

Based on the survey conducted on flow measurement/discharge, Old Lago-Lago Water System has an approximate discharge of 382 gpm (gallons per minute); Magboto has 98 gpm; Magdagooc has 1,300 gpm augmented with Tayoto which has 187 gpm. Magdagooc/ Tayoto is the newer system and has the higher discharge among other sources. Magdagooc water source supplies parts of the upper campus and lower campus. Tayoto water augments the Magdagooc water source and supplies the research centers. Magboto water supplies admin building and some part of apartments and residential areas. And lastly, Lago-lago water source for upper campus dormitories and part of residential areas. Through these calculated data, these water source systems in VSU – Main Campus are yet efficient enough as sustainable water supply to the university for the upcoming academic years.

Waste Management

Waste minimization and recycling initiatives must be prioritized since these are considered an essential part of an integrated system for solid waste management. In addition, doable, feasible, and sustainable solid waste management is necessary to minimize and mitigate negative impacts from wastes such as acute public health, pollution, degradation of the environment, and other social impacts caused by existing dumping practices (Waste Management Profile of VSU, 2021).

| | |
|-----------------|--|
| Vision: | A globally competitive university for science, technology, and environmental conservation. |
| Mission: | Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment. |

The Visayas State University (VSU) has encountered problems with proper solid waste management due to the growing population, inappropriate attitude, and behavior towards solid waste segregation, recycling, disposal, and a frail solid waste management system which includes the use of an open dumpsite. The VSU appoints university faculty from the different departments as experts to be part of the Waste Management and Pollution Control Team (WMPCT) to address the waste-associated problems. The WMPCT will spearhead the formulation of the VSU Solid Waste Management Profile (SWMP) and the VSU Dumpsite Safe Closure and Rehabilitation Plan (SCRP) and provide recommendations to the university management to have a sustainable and doable solid waste management system in the university following the mandates of the Republic Act 9003 or the Ecological Solid Waste Management Act of 2000. It is anticipated that the SWMP of the university will unravel the problems concerning solid waste management within the university and to the nearby communities in the City of Baybay. Some approaches that will be highlighted in the VSU SWMP include strict segregation at source, the establishment of MRFs, waste diversion, creation of policies, implementation of the VSU Dumpsite Safe Closure and Rehabilitation Plan (Waste Management Profile of VSU, 2021).



Figure 8. Waste Management Facilities of VSU - Main Campus.

| | |
|-----------------|--|
| Vision: | A globally competitive university for science, technology, and environmental conservation. |
| Mission: | Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment. |

B. The VSU DRRM Council Organizational Structure

The University Disaster Risk Reduction and Management (UDRRM) organizational structure is a framework that outlines the roles, responsibilities, and relationships of various entities and stakeholders involved in disaster risk reduction and emergency management efforts. Its purpose is to ensure a coordinated, efficient, and effective response to disasters and to promote resilience within communities. The specific structure and organization may vary from one region or country to another, but the core principles and functions generally remain consistent.

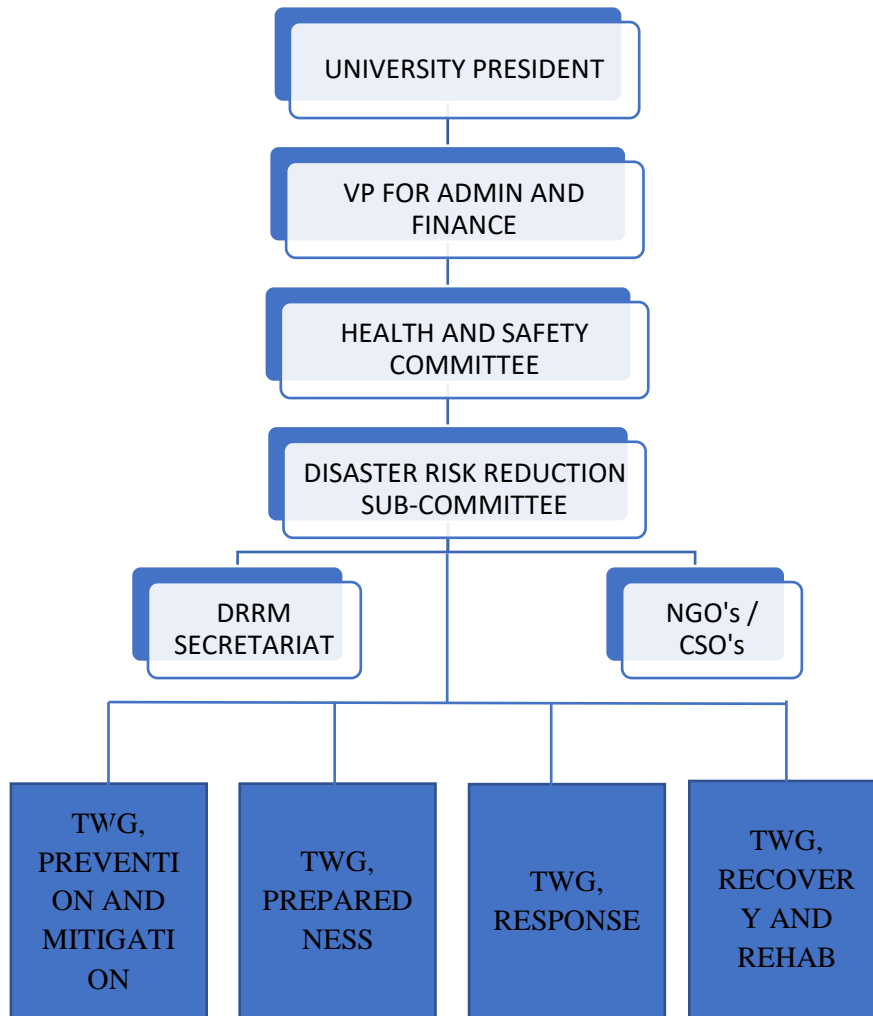


Figure 9. The VSU DRRM Organizational Structure.

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

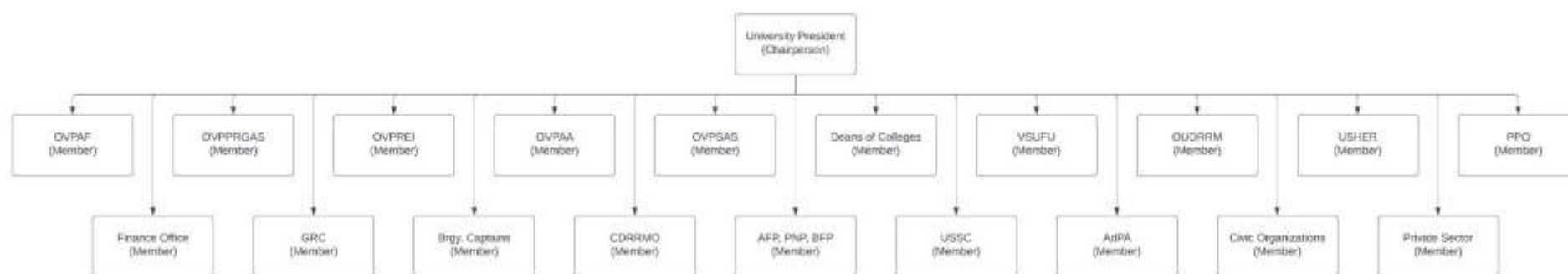


Figure 10. The VSU DRRM Council.

The VSU Disaster Risk Reduction and Management (DRRM) Council plays a crucial role in coordinating and overseeing disaster risk reduction and management efforts. They are responsible for formulating policies related to disaster risk reduction and management. This includes developing overarching strategies, guidelines, and regulations that govern DRRM activities on coordination and integration, planning and strategy development, risk assessment, resource mobilization, education and awareness, early warning systems, capacity building, and emergency response coordination within its jurisdiction.

Table 4. VSU DRRM Council Representatives.

| Representatives of the VSU DRRM Council | | |
|--|--|--|
| <ul style="list-style-type: none"> • Vice President for Administration and Finance • Vice President for Planning, Resource Generation and Auxiliary Services • Vice President for Research, Extension, and Innovation • Vice President for Academic Affairs • Vice President for Student Affairs and Services | <ul style="list-style-type: none"> • Deans of Colleges • Faculty Regent – VSU Faculty Union • Director – OUDRRMO • Chief – University Services for Health, Emergency, and Rescue • Director – Power Plan Office • Director – Finance Office • Director – Gender Resource Center • Chief – Baybay City DRRM Officer | <ul style="list-style-type: none"> • Brgy. Captains - Guadalupe, Pangasugan, Patag • Chief – AFP, PNP, BFP • Student Regent – University Supreme Student Council • President – Administrative Personnel Association • Civic Organization Presidents • Private Sector Representatives |

Vision: A globally competitive university for science, technology, and environmental conservation.

Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

C. Risk Profile

1. *Physical Characteristics*

The Visayas State University VSU - Main Campus (10°44'49.2" N, 124°47'46.8" E) has an approximate total land area of 1,099.4 hectares and is in Brgy. Pangasugan, 8 kilometers north of Baybay City and 34 kilometers south of Ormoc City, ranging from the Camotes Sea to the top of Mt. Pangasugan. The national road cuts the University campus and connects to major thoroughfares making VSU highly accessible from Ormoc City, Tacloban City, and Maasin City. VSU can be accessed from Cebu through the ports of Baybay, Ormoc, Hilongos (43 km), and Bato (50 km) or from Bohol through the ports of Hilongos, Bato, and Maasin City. While from Mindanao and Manila, VSU is accessible through the ports of Liloan in Southern Leyte and through the Tacloban City Airport (116 km) or through San Juanico Bridge, respectively.

2. *Geology*

The bulk of Leyte Island, including the university geologically consists of andesitic, basaltic, and dacitic flows and breccia of Miocene age covered with lava flows and volcanoclastic (Asio, 1996).

3. *Topography and Slope*

Visayas State University (VSU) – Main Campus topography is mainly defined by a plane to slope terrain. These landscapes famously describe the campus to a “Very Scenic University” because of the breath-taking view from the hilltop. Sloping terrain basically runs from Eco-Park in the upper campus going towards the Administration Building. Thus, some portions of these rolling topography inhabit a potential risk to landslide and soil erosion. The map below as shown in Figure 9 illustrates the slope map of VSU main campus. The map describes the topography of the university showing slope categories from a plane (0-8% slope) to a very steep slope terrain (above 50% slope). As depicted, there are specific areas inside the campus that display an 18% above slope which is according to the law in PD 705 (Forestry Reform Code) are classified as forest reserves. These areas are mostly situated at the back of College of Forestry and Environmental Science (CFES) on the way to Pangasugan mountain ridge. Based on the map, these slope areas if not be regulated or monitored, can be a possible hot spot of landslide and soil erosion. Especially during typhoon, constant rainfall as well as earthquake, the areas would likely to collapse. Yet, these are not advisable to be developed for building/facility without any proper measures and prior considerations.

Flat areas are mostly located in the lower campus, wherein all the commercial establishments, dormitories and faculty housing are then situated. Consequently, these plane areas are vulnerable to hazards such as flooding and storm surge, etc. Aside from academic areas, VSU’s land cover is also surrounded dominantly by forest area, agricultural area, vegetative cover, and pasture areas. These land cover types defined the university for a long period of time since then.

| | |
|-----------------|--|
| Vision: | A globally competitive university for science, technology, and environmental conservation. |
| Mission: | Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment. |

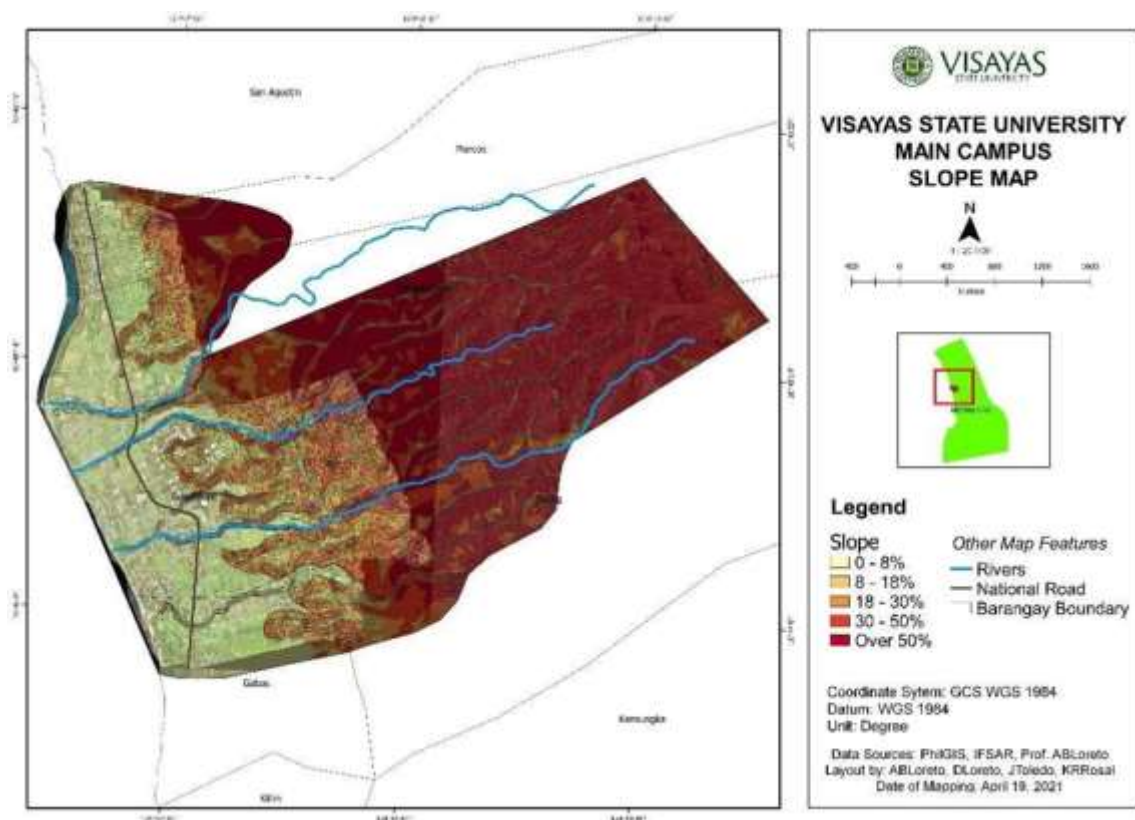


Figure 11. Slope map of VSU – Main Campus.

4. Soil

The occurrence and distribution of soils in Leyte are greatly affected by geology and geomorphology. Well-developed soils are found on old stable surfaces or areas underlain by old rock formations. However, poorly developed soils also occur over old rock formations when the surface is unstable and subject to erosion, landslide, and other disturbances, as exemplified by steep slopes. In Mt. Pangasugan, where the university is situated, Alisols (Ultisols) dominate the lower slopes. These soils are acidic, red, deep with generally low nutrient status, and kaolinitic and halloysitic mineralogy. In the upper slopes (from about 300 m asl), Andosols (Andisols), which are young volcanic soils, is widespread (Jahn & Asio, 2006).

These soils have high organic matter content, contain short-range-order clay minerals (allophane and imogolite), and have relatively high nutrient status, except P, which is very low due to the extremely high P retention capacity of soil (Asio, 1996; Zikeli, 1998).

According to BSWM soil information, soil class of Visayas State University (VSU) campus area is categorized mostly by Umingan Clay Loam. This class/type of soil is ideal for most crops and can be also used for construction and development zones. As shown in Figure 10, the Umingan

| | |
|-----------------|--|
| Vision: | A globally competitive university for science, technology, and environmental conservation. |
| Mission: | Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment. |

clay loam soil class are generally situated in the most plane areas of the campus. Then, the rest belong into the rough mountainous soil classification. Furthermore, as seen in the slope map in the previous section, these mountainous land soil classes are generally situated in the campus's steepest slopes.

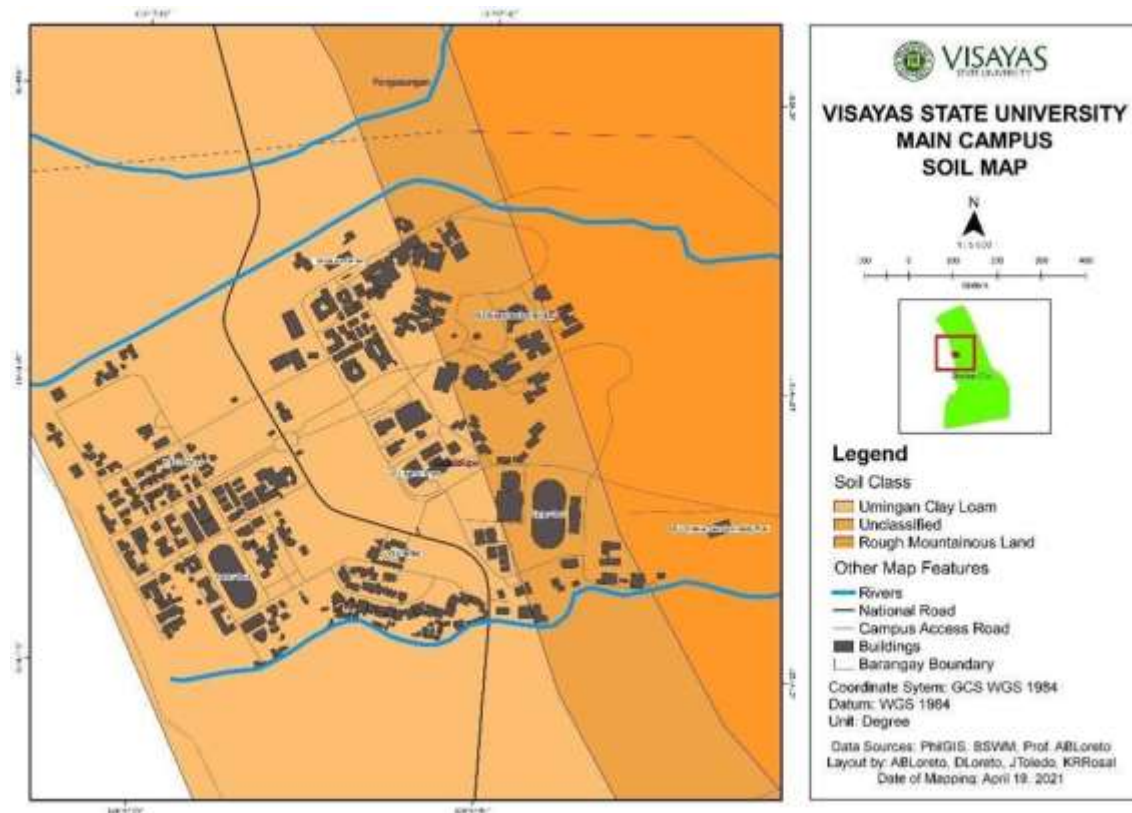


Figure 12. Soil map of VSU – Main Campus.

5. Vulnerabilities and Climate Risks

Generally, the university's climate is characterized by a tropical monsoon climate, with no pronounced dry season, since the university's location is on Leyte Island (Kintanar, 1984). The data from the PAGASA1 Weather Station (7 m) based on the campus showed an annual average temperature of 27.4° C and average annual precipitation of 2586 mm (Langenberger & Belonias, 2011). Furthermore, based on the record, the rainfall distribution is not homogenous. The months' March to May received only 95 mm to 133 mm monthly, which is considered much less precipitation than November to January with 284 mm to 296 mm precipitation. The lower amount of rainfall in Baybay is due to its lower elevation (7 m asl) and greater distance to the mountain range. Another important event in the area is the occurrence of typhoons and the often-associated landslides.

| | |
|-----------------|--|
| Vision: | A globally competitive university for science, technology, and environmental conservation. |
| Mission: | Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment. |

6. Landslide

One of the common hazards present inside the VSU – main campus is landslide. Incidence from the past testified the damages brought by this type of phenomenon. It has been known that the university's topography is characterized by a plane to rough terrain which is very prone to this threat. The type of soil inside the campus when not be incorporated with monitoring and risk protection, could be easily eroded once continuous rain occurs. Now, University of the Philippines - Project NOAH came up with an analysis and brought to the creation of a nationwide landslide hazard map to assess the possibilities of its occurrence. Then, these data have been utilized by the institution as shown in Figure 11, illustrating that some parts in the upper campus have categories such as “Build zone with slope protection/monitoring” and “Build zone with continuous monitoring”.

Areas with red color in Map 5 are advised to be a “No Dwelling Zone” because of the enormous

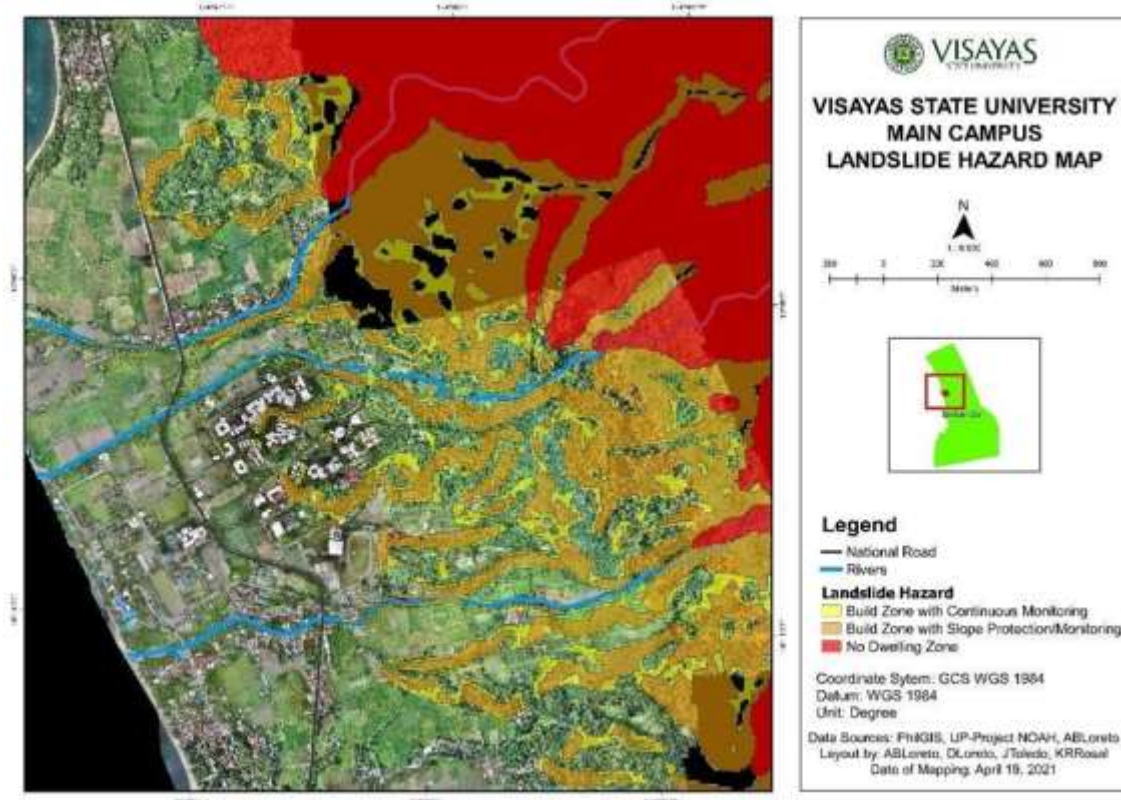


Figure 13. Landslide hazard map of VSU – Main Campus.

level of landslide threat that are present. These high-risk areas are mostly situated in the forest reserves. Thus, through this map the university can visualize and select the safer as well as the safest areas of the university for future development and expansion plans.

7. Flooding

| | |
|-----------------|--|
| Vision: | A globally competitive university for science, technology, and environmental conservation. |
| Mission: | Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment. |

Flooding is another big concern for the university. During typhoons and heavy rains, this form of danger is most likely to occur. The “Wet and Very Wet” season of VSU refers to the fact that the campus rarely experiences dry weather, particularly during the rainy season. As experienced, the university really suffered flooding at the start of wet season. The 100-year flood inundation map created by UP – Project NOAH depicts a large area of high-risk flooding (blue color) at the lower campus in Figure 12. In fact, this has been a foremost problem of the university when heavy rainfall events occur. However, since the lower areas with high-risk index to flooding is close to the coastal areas in the west hence, subsidence of flood water occurs in a few hours depending on the volume of flood waters. Another possible cause of flooding in the lower campus are clogged drainage systems which can be averted by cleaning prior to the onset of the rainy season.

The map further signifies what establishments in the campus should be considered, where are these

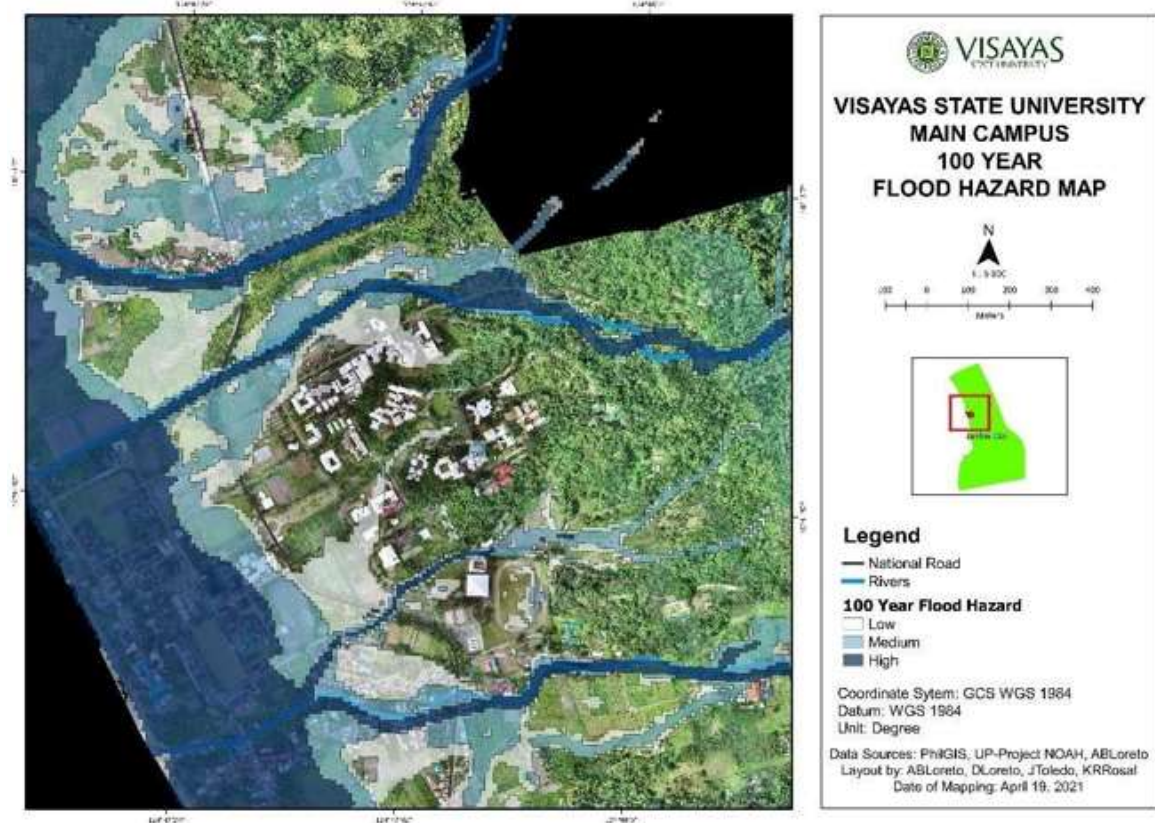


Figure 14. 100-year flood hazard map of VSU – Main Campus.

safest places for possible relocation site and potential development areas. This is very essential to mitigate the risk of flooding in the future of the infrastructure that the university plan to build in those areas.

| | |
|-----------------|--|
| Vision: | A globally competitive university for science, technology, and environmental conservation. |
| Mission: | Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment. |

Figure 13 identifies the vulnerability index of the buildings and infrastructure affected by flooding. The darker the color the higher is the vulnerability. Practically, the buildings and infrastructures in the lower campus are affected.

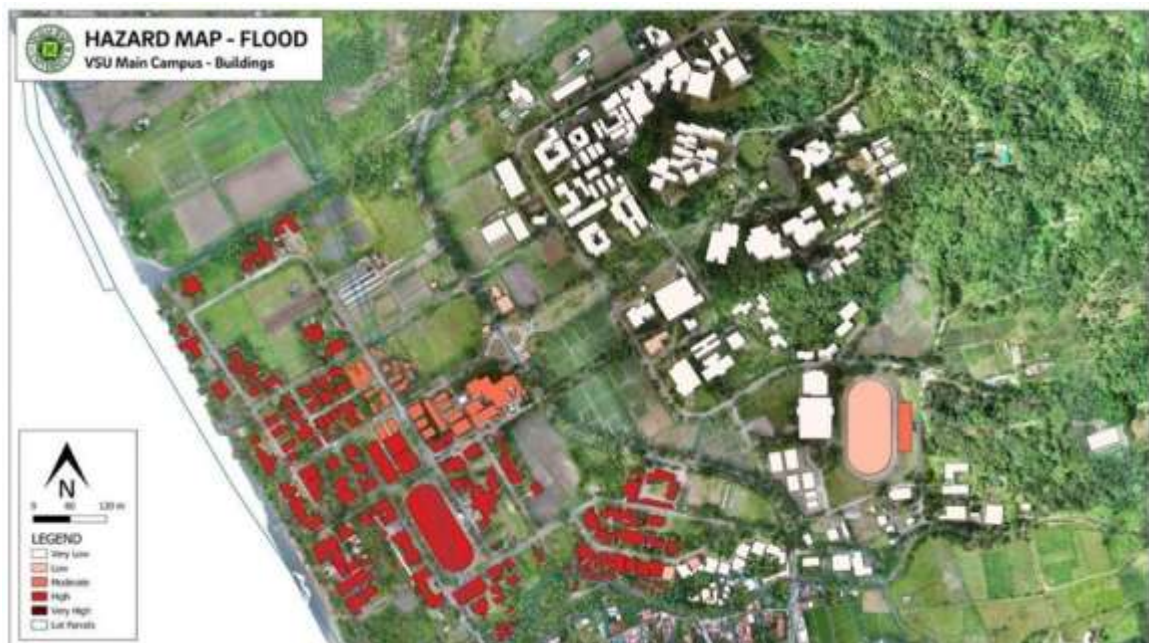


Figure 15. Flood hazard map of VSU - Main Campus.

8. Storm Surge

When Super Typhoon Yolanda struck the Island of Leyte last November 8, 2013, the university experienced an immense coastal destruction because of storm surge. As recorded in the past, storm surge is also prevalent in the campus during tropical cyclone events. As per protection, VSU built dikes along the beach to minimize the possible damages of coastal erosion and inundation. Using the available data from UP-Project NOAH, a 4-meter storm surge map is presented in Figure 14 to determine the extent of storm surge along the beach in the lower campus. As shown in the map below, VSU's Beach Garden, Seafront Suite, Apartelle, Hostel, Guesthouse and Pavilion, CCE Building, ATI Building, VSU Staff housing, Duplex, Dormitories such as Zea Maize, Coconut, Banahaw, Waling-waling, Sunflower and even the VSU Laboratory High School Building and lower campus sports facilities that are nearer to the shore are at high risk to a 4-m storm surge.

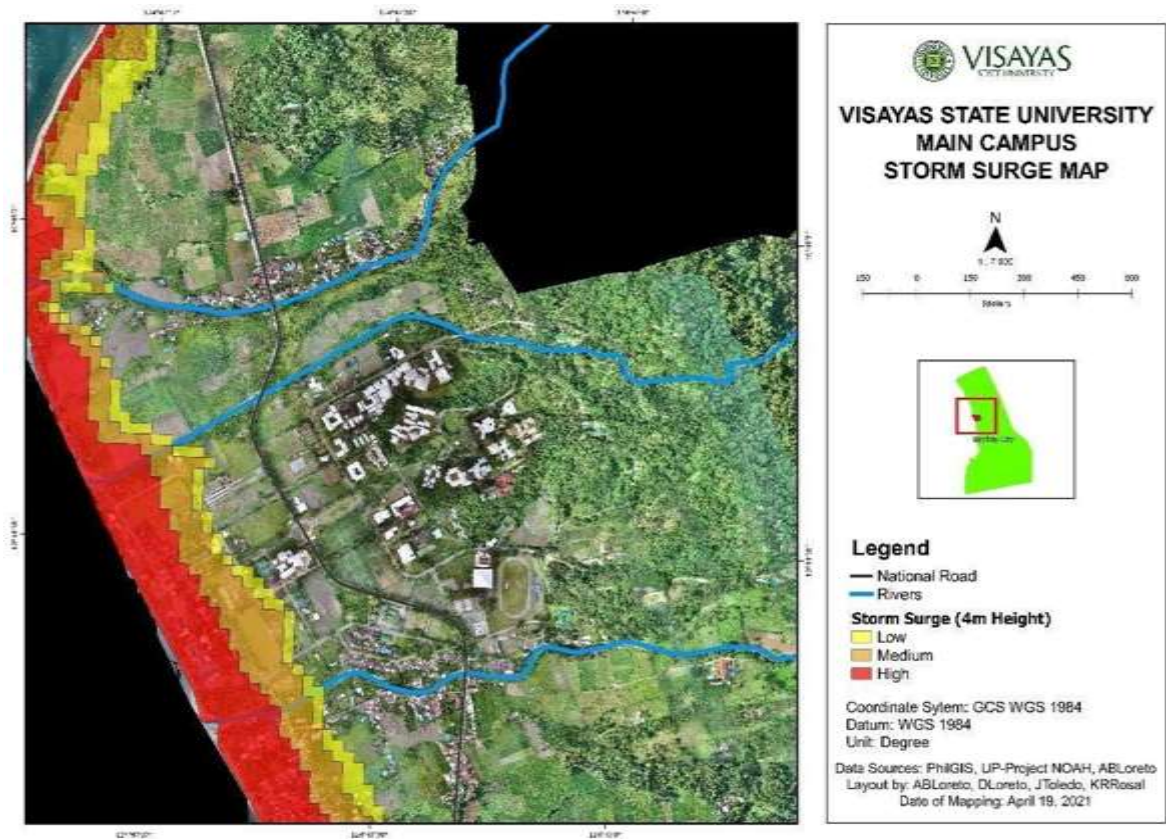


Figure 16. Storm surge map of VSU – Main Campus.

9. Tropical Cyclone

In terms of tropical cyclone, all areas in the university are affected as shown in Figure 15. PAG-ASA reported that Eastern Visayas may experience typhoons utmost 20 times per year but not all these typhoons pass or have a landfall in Baybay City particularly VSU.

| | |
|-----------------|--|
| Vision: | A globally competitive university for science, technology, and environmental conservation. |
| Mission: | Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment. |

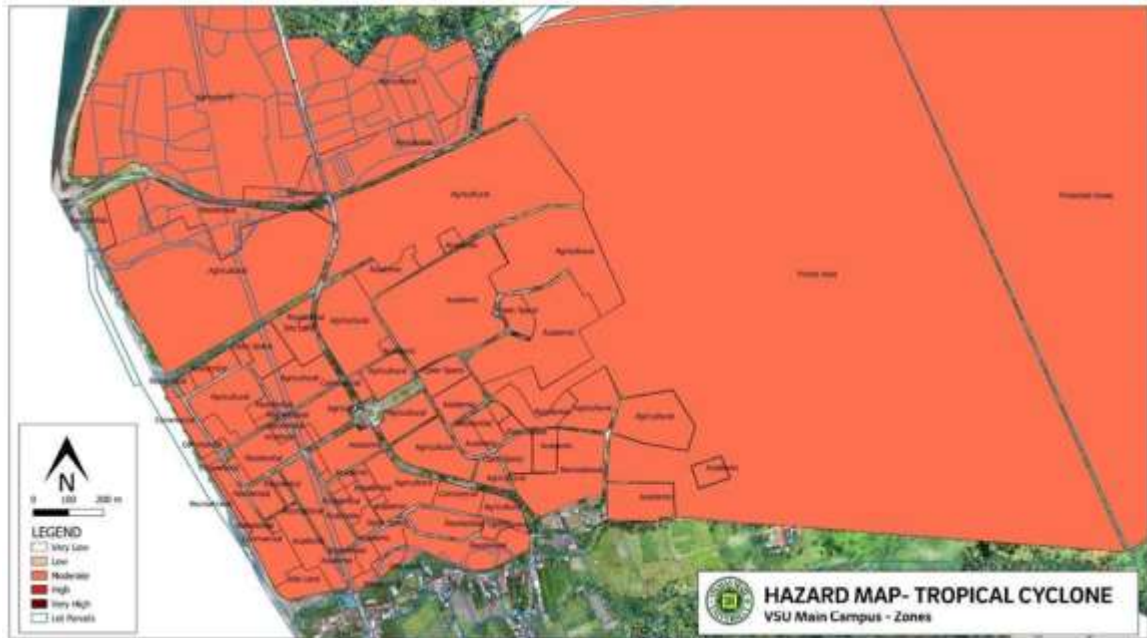


Figure 17. Tropical cyclone map of VSU-Main Campus.

10. Drought

In case if there is severe drought, areas in VSU that will be affected include the Forest Area, and more so with the lower campus where the experimental areas of the research centers and that of the

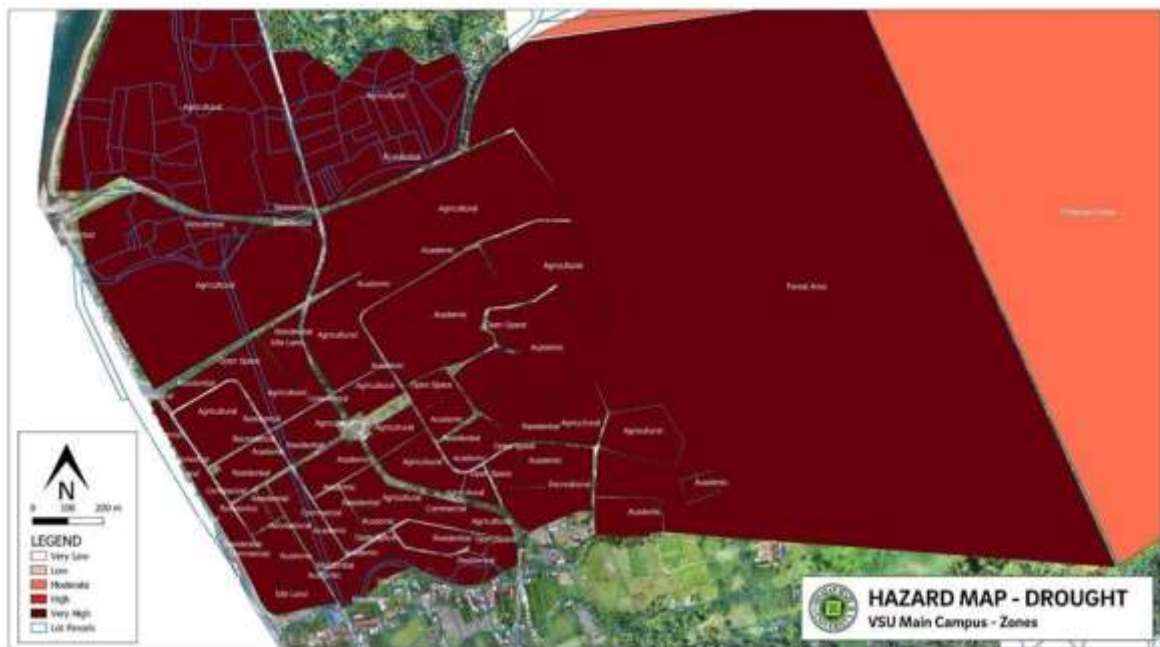


Figure 18. Drought map of VSU-Main Campus.

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

departments are located (Figure 16). However, the Protected Area has a low vulnerability index on drought simply because these are the areas where primary forest is located.

11. Saltwater Intrusion and Sea-Level Rise

As far as the historical records is concern, there are no recorded areas of saltwater intrusion even in experimental fields close to the shoreline. But damage to plants approximately 15 m from the shoreline due to saltwater spray during the southwest monsoon season were observed. In terms of sea-level rise, currently there are observed coastal erosion in the beach area and some with coastal attrition, but these cannot be solely attributed to sea-level rise. Coastal erosion may be due to quarrying of beach sand which was used in many construction activities of the university.

12. Combination of Hazards

Given these different hazards that may occur in VSU, it is necessary to examine the combined effect of the hazards and come-up with a multi-hazard index on areas as well as that of buildings and infrastructure. The logic of having a multi-hazard vulnerability index is that when tropical cyclone happens, excessive rainfall may occur which induces flooding, landslide, and erosion. Should flooding occur during high tide, saltwater intrusion and delayed subsidence of flood waters may also happen. Figures 17 and 18 show the multi-hazard vulnerability index of the areas, buildings/infrastructure of VSU respectively.



Figure 19. Multi-hazard index map of VSU-Main Campus Areas.

The maps and information presented are useful in formulating the disaster risk assessment and mitigation plan of the campus, serve as guide in retrofitting buildings and infrastructures, more so in locating new buildings and infrastructures for future development. Development projects may

| | |
|-----------------|--|
| Vision: | A globally competitive university for science, technology, and environmental conservation. |
| Mission: | Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment. |

include strengthening of dikes in the coastal areas, development of additional drainage systems, and even decommissioning old structures not fit for occupancy anymore.



Figure 20. Multi-hazard map of VSU-Main Campus buildings and infrastructures.

| | |
|-----------------|--|
| Vision: | A globally competitive university for science, technology, and environmental conservation. |
| Mission: | Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment. |

D. Situational Analysis: Identifying SWOC for the four DRRM Thematic Areas

A Situational Analysis is a critical component and is a fundamental step in the development of a Disaster Risk Reduction and Management (DRRM) planning. It provides the necessary foundation for informed decision-making, resource allocation, and the development of strategies to reduce and manage disaster risks effectively. Without a thorough situational analysis, DRRM plans may lack the specificity and relevance needed to protect lives and property in disaster-prone areas.

In DRRM, SWOC analysis (Strengths, Weaknesses, Opportunities, and Challenges) is a valuable tool for assessing and planning in four key thematic areas: **Disaster Prevention and Mitigation**, **Disaster Preparedness**, **Disaster Response**, and **Rehabilitation and Recovery**.

A SWOC analysis in DRRM is done through a structured process that involves identifying and assessing the Strengths, Weaknesses, Opportunities, and Challenges related to specific aspects of DRRM. A SWOC analysis can help DRRM stakeholders assess their current state, plan for improvement, and strategically address challenges and opportunities in each thematic area to enhance overall disaster resilience.

It is imperative that to remember that SWOC analysis is a dynamic process, and it should be conducted regularly to adapt to evolving conditions and challenges in DRRM. It serves as a valuable tool for informed decision-making and continuous improvement in disaster risk reduction and management efforts.

1. *Disaster Prevention and Mitigation*

| STRENGTH | WEAKNESSES |
|--|--|
| <ul style="list-style-type: none"> Established policy-making body ISO Certified 9001:2015 Institutional Accreditation level IV Resources Manpower IC Technologies Financial Facilities and equipment Geographically located near Cities Partnership with communities Student Organizations Presence of the Geohazard Maps Quality procedures and guidelines Availability of Identified Evacuation Sites Availability of Faculty, staff and Student database and MIS We offer High quality Services. Availability of Health, Emergency and Rescue Services Presence of the OUDRRM Availability of Transport Services Availability of 24/7 Security and Responders Experience in responding disaster. Bayanihan Spirit/Resilient VSU Community | <ul style="list-style-type: none"> No Command Center Needs to capacitate, lacking coordination. No specific fund for calamities. Limited funds for the acquisition of equipment and maintenance Prone to landslides and flood-prone area Not yet fully Established |
| OPPORTUNITIES | CHALLENGES |

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

| | |
|---|---|
| <ul style="list-style-type: none"> • Partnership with BFP • Partnership with neighboring Barangays • Partnership with JICA and KOICA • Partnership with DOST like Pag-Asa, Philvolcs, STII, PCAARD, PCIEERD etc. • Partnership with DA • Included in the National Priority Agenda • Availability of useful Geohazard database, Weather forecasting database • Availability of upgraded Pag-asa station • More donations from External Organization and individuals | <ul style="list-style-type: none"> • Stringent COA rules • Procurement Law and processes • Preventive and maintenance plan is not in place. • Attitude of community |
|---|---|

2. Disaster Preparedness

| Strength | Weakness |
|--|---|
| <ul style="list-style-type: none"> • DRRM as priority of the Administration (Supportive) • DRRM Office is existing. • CMC is existing with interdisciplinary composition. • 10% Mandatory Reserve Fund (MRF) • Network among neighboring communities • Pool of experts available (i.e., Department of Meteorology) • VSU as a research hub/university • Availability of building facilities that will serve as evacuation center. • Availability of Information Dissemination Platform (VSU DYDC 104.7 FM) • Fire truck available • VSU Hospital • VSU is strategically located (transport and distribution of logistics) • | <ul style="list-style-type: none"> • VSU is geographically located along hazardous areas (e.g., mountain/forest, rivers, sea) • No existing DRRM Plan • No DRRMC (Council/Committee) • MRF cannot be utilized in 2 thematic areas (Prevention and Mitigation; Preparedness) – MRF can only be utilized once a State of Calamity is declared. • No dedicated personnel manning the DRRM Office (designated/multitasking) • Poor communication between VSU DRRMO and stakeholders (neighboring communities, students, faculty, and staff) |
| Opportunities | Challenges |
| <ul style="list-style-type: none"> • Availability of Training providers and possible funding source (OCD, NDRRMC, external funding) • Legal Mandate on the establishment of LDRRM • Supportive Local Barangay Chief Executives • Presence of CSOs (Kabalikat, Red Cross etc) • Established CDRRMO/C • New technologies, services, ideas are available. | <ul style="list-style-type: none"> • VSU is not represented in the CDRRM Plan • Coordination with other stakeholders is at times challenging. • Poor cooperation of stakeholders prior to evacuation • Transcultural challenge |

Vision: A globally competitive university for science, technology, and environmental conservation.

Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

3. Disaster Response

| Strengths | Weaknesses |
|--|---|
| <ul style="list-style-type: none"> • Availability of support from the administration • Activation of the Crisis Management team as response team. • Strong composition of the Crisis Management team • Available partnerships with Civic Organizations • Partnerships with the neighboring barangays are available. • 6. Availability of the offices and personnel for the response operation. | <ul style="list-style-type: none"> • Insufficient equipment available for land and water rescue. • Insufficient/delayed food subsistence • Lack transportation vehicle for evacuation. • Lack transportation personnel. • Insufficient number of evacuation personnel • Lack trained responders. • No defined response teams. • No organic DRRM Staff |
| Opportunities | Challenges |
| <ul style="list-style-type: none"> • Tap LGU, OCD, and other organizations for capability building of the response team members. • Source-out funds from possible donors for equipment, food, and others. • Establish a strong linkage to neighboring barangays and other civic and/or private organizations for volunteerism. | <ul style="list-style-type: none"> • Poor coordination mechanisms with the neighboring barangays • Lack of responders from Barangays • Lacks financial/technical support from LGU. • 4. Impassable roads during evacuation |

4. Rehabilitation and Recovery

| Strengths | Weaknesses |
|--|--|
| <ul style="list-style-type: none"> • Availability of In-house technical/skilled workers (Engineers, electricians, drivers, plumbers, security, nurses, doctors, guidance counselors, and ITs) • Availability of Civic Organization that we can tap in times of calamity. • Availability of standby power generator. • Has own source of water. | <ul style="list-style-type: none"> • Geographic Location (Between a mountain and camote sea and two Rivers) • Absence of pre-disaster recovery plan • Lack of training on post-disaster needs assessment. • Lack of awareness on alternative livelihood opportunities • Non disaster resilient dorms, classrooms, and offices (1970s) • Landslide prone location of old buildings • Lack of heavy equipment and tools use for recovery. |
| Opportunities | Challenges |
| <ul style="list-style-type: none"> • Willingness of linkages or partners to aid (KOICA, Alumni, USAID) • Can tap to NDRRM fund. | <ul style="list-style-type: none"> • Outdated or unserviceable heavy equipment and tools. • Implementation ROSSS (Revised Organizational Structure and Staffing Standards (ROSS) for SUCs) |

E. Thematic Area Plan

Goals, Objectives, and Outcomes

In a DRRM thematic plan, the goals, objectives, and outcomes are key components that help guide and measure the success of DRRM efforts in addressing specific thematic areas.

The goal is the broad, overarching statement that defines the desired long-term outcome or purpose of the thematic plan. It represents the aim of the DRRM efforts within that thematic area.

Objectives are specific, measurable, achievable, relevant, and time-bound (SMART) statements that outline what the DRRM thematic plan aims to achieve. These objectives are more focused than the goal and provide a clear direction for action.

Outcomes represent the specific, tangible results or changes that are expected to occur as a direct result of achieving the objectives. Outcomes are often expressed in quantitative terms and should be indicators of progress toward achieving the objectives.

In summary, in a DRRM thematic plan, the goal provides the overarching vision, while the objectives offer specific, measurable targets, and the outcomes define the expected changes or results. These components collectively guide the planning, implementation, and evaluation of DRRM efforts within the chosen thematic area, helping to reduce disaster risks and enhance community resilience.

| The Thematic Area Plan | | | | |
|------------------------------|---|--|--|---|
| Types of Hazards | Thematic Areas | | | |
| | Prevention and Mitigation | Preparedness | Response | Recovery and Rehabilitation |
| Fire Emergency and Disasters | <p>Provide Plan for fire prevention and mitigation.</p> <ol style="list-style-type: none"> 1. Compliance to Fire Code of the Philippines (RA 9514) and other BFP requirements for fire protection and suppression system (based on NFPA approved guidelines). 2. Identification of evacuation areas. 3. Identify location and provide maps of fire hydrant areas. 4. Development plan for building emergency exits. 5. Review electrical installation for safety improvement and avoid fire hazards. | <p>Awareness of the presence of fire hazards and the capability to respond (systematically)</p> <ol style="list-style-type: none"> 1. Written plan 2. Trainings <ol style="list-style-type: none"> a. Fire Prevention, disaster Preparedness, firefighting b. proper evacuation procedures c. proper search and rescue d. Incident Command system e. basic Life support and standard first aid f. Regular Inspection (extinguishers and other equipment, wirings, storage of fire hazard materials) | <p>What to do when there is a fire alarm?</p> <ol style="list-style-type: none"> 1. Verify the reported fire incident quickly. 2. When positive, sound the alarm and follow the safe evacuation procedure. 3. Quickly identify the degree of fire. 4. Act according to the observed degree of fire. 5. When the degree of fire is manageable, use the fire extinguisher, and perform the PULL, AIM, SQUEEZE, and SWEEP (PASS) 6. When the degree of fire requires the action of the Fire | <p>What to do after the fire has been controlled and the damages have been assessed.</p> <ol style="list-style-type: none"> 1. Assemble the teams / civic organization that will and assign tasks for affected areas. 2. Inspect burned property and keep a detailed list of damage; take photos or videos to document the damage. 3. Secure the area. 4. Relocate salvageable equipment and property to a safe, protected location. 5. Clean the area. 6. Make temporary repairs / makeshift shelters for the victims. |

Vision: A globally competitive university for science, technology, and environmental conservation.

Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

| | | | | |
|--|---|---|---|--|
| | 6. Develop an integrated network based EWS. 7. Produce protocols for fire incident response, crowd control and evacuation | 3. Ensure that all buildings are compliant with Fire/Building codes (issued with fire safety inspection report, thus installation of fire detection and suppression equipment) 4. Regular fire safety inspection of the BFP 5. Regular Preventive maintenance of VSU fire truck 6. Regular check-up and maintenance of fire hydrants 7. Drills (twice a year) | Department, call the nearest fire station. 7. Activate and mobilize the responders (CSO/Communicator, Traffic, Medical, Salvaging Team and Security). 8. Conduct damage assessment and prepare submission of report to the recovery and rehabilitation. | 7. Provide stress debriefing to the victims. 8. Provide temporary relocation of the victims. 9. Contact the insurance company to begin the claims process. |
| Typhoon, Torrential Rain, landslide, and Flood-related Disasters | Provide plan on the ff: 1. Flood plain mapping 2. Improve and restore flood mitigation structures. 3. Adoption and enforcement of regular tree pruning in the campus. 4. Design and improve | 1. Awareness and communication of necessary information. 2. Monitoring of local conditions (coordinate with PAG ASA) 3. Severe Weather Early Warning system 4. Regular forecasts/communicati | 1. Conduct a coordination meeting with different stakeholders (CMC, OUDRRM, CDRRMO, CDRRMC, BRRMC, CSOs, etc.) 2. Activate the emergency response | Post-Disaster Plan should include: 1. Accounting of evacuees and missing persons including identification. 2. Accounting of cadavers/dead people and |

Vision: A globally competitive university for science, technology, and environmental conservation.

Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

| | | | | |
|--|---|--|---|---|
| | <p>campus drainage system.</p> <ol style="list-style-type: none"> 5. Improve building structure for typhoon resilient design. 6. Provide plans and resources for EWS. 7. Design landslide risk management plans with both ecosystem and construction-based adaptation options in the identified landslide prone areas. | <p>on in coordination with web team and DYDC</p> <ol style="list-style-type: none"> 5. Rainfall warning and thunderstorm Warning levels (including codes and appropriate actions) 6. Provide safety tips before, during, and after a flood. 7. Training for water search and rescue 8. Procurement of vehicles and equipment (ropes, rubber boats) 9. Information Drive through IEC Materials, Seminars, Symposia, FGDs, Curricular Inclusion, and Extension activities | <p>center (ERC)/incident command center equipped with an effective and efficient communication system and evacuation centers.</p> <ol style="list-style-type: none"> 3. Activate and dispatch responders for pre-emptive evacuation and ground monitoring. 4. Provide basic subsistence needs of the affected communities/population. 5. Continue monitoring during the occurrence of the Typhoon, Torrential Rain, landslide, and Flood-related Disasters. 6. Conduct damage assessment and prepare submission of report to the recovery and rehabilitation. | <p>appropriate guidelines to be followed during recovery.</p> <ol style="list-style-type: none"> 3. To conduct inspection of post-affected areas to account for lost equipment/facilities. 4. To restore basic services of power, water supply, food, and shelter 5. Provide psychosocial support and services for evacuees and victims. 6. Coordinate with Baybay CDRMO in the appropriate management of collected cadavers. 7. Evaluate and recommend for those buildings, equipment, and facilities that must be condemned. 8. Recommend rehabilitation projects for larger services like schools, buildings, service roads, |
|--|---|--|---|---|

Vision: A globally competitive university for science, technology, and environmental conservation.

Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

| | | | | |
|--|--|--|--|---|
| | | | | etc., that also require large government funds |
| Earthquake and Tsunami-related Disasters | <ol style="list-style-type: none"> 1. Provide plan and resources for funding in the acquisition of EWS for earthquake and Tsunami incidence. 2. Provide personnel who are responsible for the conduct of Regular drills and simulations. | <ol style="list-style-type: none"> 1. Awareness/Advocacy 2. Evacuation Plan 3. Provision of adequate basic supplies 4. Regular Drills and Simulations (twice a year) 5. Produce and develop Information, Education and Communication (IEC) materials on Earthquake and Tsunami related mitigation activities. | <ol style="list-style-type: none"> 1. Sound the alarm. 2. Wait for the confirmation of the Security Team Leader to evacuate when the condition permits. 3. Otherwise, stay put by observing the DROP, COVER and HOLD. 4. Stay calm and proceed to the pre-identified emergency exit. 5. Account and inspect the persons. 6. Call for concerned authorities for specific assistance needed. 7. Wait for the declaration of the Engineering Team to re-occupy the building. 8. Conduct damage assessment and | <ol style="list-style-type: none"> 1. Psychosocial support services 2. Management of dead bodies 3. Buildings shall be inspected by structural engineers for possible damage after an earthquake 4. Vulnerable areas and structures must be identified according to the risk of possible collapse 5. Categorizing buildings as to which may still be safe for operation, for retrofitting or for condemn 6. Facilitate the rehabilitation of recovery and |

Vision: A globally competitive university for science, technology, and environmental conservation.

Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

| | | | | |
|-----------------------------|--|--|--|--|
| | | | prepare submission of report to the recovery and rehabilitation. | |
| Explosive-related Disasters | <ol style="list-style-type: none"> 1. Identify buildings susceptible for possible explosion hazards (laboratories). 2. Develop emergency Evacuation protocols. | <ol style="list-style-type: none"> 1. Training and update of designated floor/area warden per department 2. Keep and update contact number of PNP (Bomb Squad) and BFP 3. Contact number of nearest medical facility (MOA if needed) 4. Train staff on how to identify possible bomb and how to handle bomb threats (telephone operators) 5. Good communication system between and among responders/responsible person 6. Train security personnel on responding to explosive-related incidents. 7. Literacy/Awareness activities on explosive- | <ol style="list-style-type: none"> 1. Verify the reported explosion incident quickly. 2. When positive, sound the alarm and call for the concerned authorities (EOD/PNP, AFP, BFP) 3. Activate and mobilize the responders (CSO/Communicator, Traffic, Medical, Salvaging Team and Security). 4. Establish the incident command center. 5. Identify and facilitate safe evacuation procedures if needed. 6. Conduct damage assessment and prepare submission of report to the recovery and rehabilitation. | <ol style="list-style-type: none"> 1. Prepare an incident report. Emphasize on the critical events that took place with an analysis or in-depth evaluation in order to update the administrators of necessary changes so that the contingency plan will be more responsive in case of another bomb threat. 2. During and immediately after a bomb threat incident, perimeter security personnel shall be advised to be on the lookout for unauthorized persons who may want to enter the building or premises. The bomb threat could be just a diversion. 3. As soon as the area is |

Vision: A globally competitive university for science, technology, and environmental conservation.

Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

| | | | | |
|--|---|--|---|---|
| | | related incidents among students, employees, and VSU residents. | | cleared by the EOD and approved by the Dean or Head of Unit, the Dean shall announce to the employees, students the resumption of classes and office work. |
| Security-related Emergencies (e.g., Hostage taking, Robbery and Theft, Mass gathering related emergencies, etc.) | <ol style="list-style-type: none"> 1. Develop and institutionalize security protocol to minimize intrusion within the campus (vehicle sticker, visitors ID, contractor ID, student ID) and provide resources support for implementation. 2. Develop protocol in providing vehicle pass. 3. Develop frisking protocol and provide necessary equipment. 4. Develop protocol for any terrorist acts for mitigation and prevention. | <ol style="list-style-type: none"> 1. Prevention and Education <ol style="list-style-type: none"> 1.a Written policy 1.b Capability building of security and rescue personnel. 1.c Recognition of early warning signs 1.d Continuous Learning and Developmental activities | <ol style="list-style-type: none"> 1. Verify the reported security-related emergency quickly. 2. When positive, call the proper authorities immediately. 3. Activate the emergency responders on standby for any eventuality. 4. Inform local populace and bystanders to stay away from the area for safety reasons. 5. Mobilize the concerned responders (Medical unit) in any eventualities. 6. Conduct damage assessment and | <ol style="list-style-type: none"> 1. Prepare an incident report. 2. Provide stress debriefing, medical care for victims, referrals for care and reporting and filing claims, as appropriate. |

Vision: A globally competitive university for science, technology, and environmental conservation.

Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

| | | | | |
|----------------------------|---|---|--|--|
| | | | retrieve important information related to the persons involved. | |
| Biological-related Hazards | <ol style="list-style-type: none"> 1. Develop protocol for handling, prevention of rabid and venomous animals' bites. 2. Plan for the development of centralized biological hazard disposition 3. Develop protocols in handling microbiological-related hazards. | <p>* Emergency response and procedure</p> <ol style="list-style-type: none"> 1. Biosafety and Biosecurity advocacy, training, and awareness 2. Communication of Biosafety and Biosecurity Protocol to stakeholders 3. Training of Laboratory Technicians/Aids on Biosafety and Biosecurity 4. Awareness seminar/ Orientation among Faculty and Students in dealing with Biological Hazards. | <ol style="list-style-type: none"> 1. Activate and mobilize the emergency team especially the emergency medical services unit/USHER. 2. Evaluate the situation and implement the established protocols in response to biological-related hazards. 3. Inform the community on the basic health procedures of EMS/USHER. 4. Monitor the updates from EMS/USHER and make regular updates to the residents/ President. | <ol style="list-style-type: none"> 1. Make sure the area is safe to enter. 2. Promote mental health programs for affected individuals. |
| Chemical-related Hazards | <ol style="list-style-type: none"> 1. Plan and develop location for chemical related hazards for temporary disposition. | <ol style="list-style-type: none"> 1. Survey/identification of hazardous chemical in the university (material safety data | <ol style="list-style-type: none"> 1. Activate the emergency team especially the emergency medical | Once the emergency is under control, the university constituents should wait |

Vision: A globally competitive university for science, technology, and environmental conservation.

Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

| | | | | |
|--|--|---|---|---|
| | <ol style="list-style-type: none"> 2. Develop protocols in handling laboratory hazardous chemicals, facilities, and equipment. 3. Follow the ISO standards for laboratories. | <ol style="list-style-type: none"> 2. Monitoring of written policies/procedures in dealing with chemical and possible spills 3. Procurement of equipment ready for use in case of spills 4. Procurement of materials to be used to contain spills and train staff in how to handle them. 5. Procurement of standard/proper PPE's (spill kit) -with regular inspection 6. Orientation of the proper use of PPE's 7. Eyewash and shower facilities 8. Training of Laboratory Technicians/Aids on emergency intervention of accidents related to chemicals. 9. Training of VSU Medical Staff in Toxicology. 10. Develop and produce sheets) | <ol style="list-style-type: none"> 2. Evaluate the situation and implement the established protocols in response to the chemical-related hazards. 3. Inform the community on the basic health procedures of EMS/USHER. 4. Monitor the updates from EMS/USHER and make regular updates to the residents/ President. | <p>services unit/USHER.</p> <p>for the signal to return to the workplace or classrooms or laboratories. The signal is given when it has been ascertained that the amount of chemical remaining in the environment (if any remains) would no longer pose a threat to human health.</p> |
|--|--|---|---|---|

Vision: A globally competitive university for science, technology, and environmental conservation.

Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

| | | | | |
|---------------------------|---|---|--|--|
| | | Information, Education and Communication (IEC) materials on Laboratory Safety Protocols. | | |
| Radiation-related Hazards | <ol style="list-style-type: none"> 1. Develop protocol and identify temporary disposition for radiation-related hazards. 2. Propose Radiation Safety Officer. | <ol style="list-style-type: none"> 1. Contingency plan communication to all VSU stakeholders 2. Training of concerned personnel 3. Annual orientation of employees on Radiation Safety Program, Radiation Security Plan, and local Emergency Procedure 4. Conduct of radiation-related emergency drills | <ol style="list-style-type: none"> 1. Activate the emergency team especially the emergency medical services unit/USHER. 2. Evaluate the situation and implement the established protocols in response to the radiation-related hazards. 3. Inform the community on the basic health procedures of EMS/USHER. 4. Monitor the updates from EMS/USHER and make regular updates to the residents/ President. | <p>Philippine Nuclear Research Institute (PNRI) shall clear all areas of any radiological contaminants, including the grounds of the VSU Hospital and CVM.</p> <p>The process of decontamination shall be repeated until a safe radiation level is achieved.</p> <p>Upon maintaining radiation levels to background readings, PNRI shall declare the place and areas safe for human presence and normal activities.</p> <p>If in any case that decontamination is unachievable (i.e., massive radiation incidents,</p> |

Vision: A globally competitive university for science, technology, and environmental conservation.

Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

| | | | | |
|------------------------------|--|--|--|---|
| | | | | fallout, etc.), the President of the Philippines shall declare exclusion zones. |
| Service Continuity Plan | Provide insurance policy for any incidence occurrence. | | | |
| Lightning Storm Incidence | <ol style="list-style-type: none"> 1. Provide EWS and protocol to mitigate lightning storm incidence. 2. Provide resources to minimize if not eliminate the impact of lightning storms. | | | |
| Gale warning and Strong Wind | <ol style="list-style-type: none"> 1. Provide protocol to minimize or avoid incidence caused by gale warning or strong wind. 2. Provide protocol for the hazardous line posts and trees. | | | |

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

| | | | | |
|---------------|--|--|--|--|
| All incidence | 1. Provide continuous resources for OUDRRM effectivity. 2. Provide Resources for text blasts as warning system 3. Provide and identify resources needed in organizing community into teams to respond to disaster 4. Produces IEC Materials for integrated VSU Evacuation Procedures and Protocols. 5. Develop an integrated network based EWS 6. Increase building inspection frequency to ensure structures are enduring climate change pressures 7. Propose DRRM Personnel 8. Provide protocol for the drainage, sewerage, irrigation, fire hydrants and water supply. | | | |
|---------------|--|--|--|--|

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

1. Disaster Prevention and Mitigation

Goals, Objectives, and Outcomes

| Goals | |
|---|---|
| <i>Address current and reduce future risks at VSU and neighboring communities through mainstreaming integrated risk management into policy and practice.</i> | |
| Objectives | Outcomes |
| <ul style="list-style-type: none"> • Apply integrated risk-based management and risk assessment tools using DRRM-related information, statistics, and research | <ul style="list-style-type: none"> • Implemented a risk based QMS and improved access, understanding, and use of updated risk information and research |
| <ul style="list-style-type: none"> • Institutionalize timely, responsive, context and culture-specific early warning systems. | <ul style="list-style-type: none"> • Institutionalized timely, responsive, context-and culture-specific early warning systems reaching the last mile. |
| <ul style="list-style-type: none"> • Improve and protect ecosystem integrity; | <ul style="list-style-type: none"> • Improved and sustained natural resources and ecosystem integrity; |
| <ul style="list-style-type: none"> • Build a resilient command center | <ul style="list-style-type: none"> • Established DRRM Command Center |
| <ul style="list-style-type: none"> • Strengthen the capabilities of the university and neighboring communities to withstand disasters and other human-induced hazards. | <ul style="list-style-type: none"> • Resilient university and neighboring communities |

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

Programs, Projects, and Activities Matrix

| | | | | | |
|--|--|--|--|------------------|--|
| GOAL | <i>Address current and reduce future risks at VSU and neighboring communities through mainstreaming integrated risk management into policy and practice.</i> | | | | |
| OBJECTIVE 1 | Apply integrated risk-based management and risk assessment tools using DRRM-related information, statistics, and research | | | | |
| OUTCOME 1 | Implemented a risk based QMS and improved access, understanding, and use of updated risk information and research | | | | |
| Programs, projects & activities | Targets | Key outputs | Responsible persons/agency/office | Timeframe | Source of funds |
| Conduct SWOC Analysis | VSU and 5 barangays | SWOC Analysis, Risk Opportunities and Assessment Matrix, Work & Financial Plan | UDRRM, Barangay LDRMC, Student Council, Faculty representatives, AdPA, OSEHA | 2023 | Barangay Council, LGU, VSU, AdPA, VFSU, Alumni |

| | | | | | |
|---|--|----------------------|--|------------------|------------------------|
| OBJECTIVE 2 | Institutionalize timely, responsive, context and culture-specific early warning systems. | | | | |
| OUTCOME 2 | Institutionalized timely, responsive, context-and culture-specific early warning systems reaching the last mile. | | | | |
| PROGRAMS, PROJECTS & ACTIVITIES | Targets | Key outputs | Responsible persons/agency/office | Timeframe | Source of funds |
| Submit proposal to acquire Early Warning System (EWS) | university and communities | Early Warning System | OUDRRM, ICTMC, Barangay Council, Civic Organization, DOST-ASTI | 2023 | LGU & VSU, DOST-ASTI |

| | | | | | |
|--------------------|--|--|--|--|--|
| OBJECTIVE 3 | Improve and protect ecosystem integrity; | | | | |
|--------------------|--|--|--|--|--|

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

| OUTCOME 3 | Improved and sustained natural resources and ecosystem integrity; | | | | |
|--|--|---|---|------------------|------------------------|
| Programs, projects & activities | Targets | Key outputs | Responsible persons/agency/office | Timeframe | Source of funds |
| Revisit and review the LUDIP, City Ordinance, and policy, guidelines on environment conservation and preservation and produce IEC materials. | produce IEC materials | Infographics, brochures, flyers & other IEC materials | OUDRRM, LUDIP, Solid Waste Management Committee, LGU, course organizations, CSSCs, UIMC | 2023 | LGU & VSU |
| Adoption and enforcement of land use and zoning practices | Policies and implementing guidelines of the Land Use Development and Infrastructure Plan | Land use and zoning practice manual | OUDRRM, LUDIP, LGU | 2023 | LGU & VSU |
| Adoption and enforcement of regular tree pruning in the campus. | A committee that is responsible for the regular tree pruning on the campus; Tree Pruning Procedural Manual | Tree Pruning Procedural Manual. | Landscape Personnel | Yearly | VSU, DBM |
| Improve or restore flood mitigation structures like dikes, seawall. | More resilient mitigation structures | Dikes and seawall improved | PPO, Planning Office | 2023 | VSU, DBM |

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

| | | | | | |
|---|---|--|--|------|----------|
| Hazard Mapping | Produce Hazard Mapping Reporting Template and VSU Hazard Map | Hazard mapping activities by Departments | OUDRRM, Deans and Department heads, Mines and Geosciences Bureau | 2023 | VSU, DBM |
| Flood Plain Mapping | VSU Flood Plain Map | VSU Flood Plain Map | OUDRRM, LGU | 2023 | VSU, DBM |
| Disaster mitigation public awareness programs specific to disaster plan and produce IEC Materials | produce IEC materials | Infographics, brochures, flyers & other IEC materials | OUDRRM | 2023 | VSU, DBM |
| Coordinates and requests DPWH for the expansion of the culvert at the Highway facing the VSU Market | Wider culvert to accommodate the increasing volume of water during rainy days | Work and financial plan | OUDRRM, DPWH, LGU | 2023 | DPWH |
| Increase building inspection frequency to ensure structures are enduring climate change pressures | Safe and disaster-resilient buildings | Number of buildings retrofitted to be more disaster-resilient | OUDRRM, Planning Office, College of Engineering, PPO | 2023 | VSU, DBM |
| Design and improve campus drainage system. | Drainage systems plan; Regular outdoor drainage systems cleaning and de-clogging calendar | Work & Financial Plan, drainage design and drainage systems cleaning procedural manuals. | OUDRRM, Planning Office, PPO | 2024 | VSU |

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

| | | | | | |
|--|---|---|------------------------------|------|-----|
| Design landslide risk-management plans with both ecosystem- and construction-based adaptation options in the identified landslide prone area | Comprehensive landslide management plans; landslide risk areas map | Proposal, Program of work and financial plan | OUDRRM, Planning Office, PPO | 2024 | VSU |
| Plan for the development of centralized biological hazard disposition | Centralized biological hazard disposition plan | Proposal, Work, and financial plan and design for biological disposition facility. | OUDRRM, Planning Office, PPO | 2024 | VSU |
| Develop protocol for handling, prevention of rabid and venomous animal bites. | A Comprehensive handbook containing protocols on handling, prevention of rabid and venomous animal bites. | A committee task to performs activities on handling and prevention of rabid and venomous animal bites | OUDRRM, USHER, CVM | 2024 | VSU |
| Plan and develop location for chemical related hazards for temporary disposition. | Centralized toxic chemicals temporary disposition plan, Toxic chemicals handling policy | Proposal, Work, and financial plan and design for toxic chemical disposition facility. | OUDRRM, Planning Office, PPO | 2024 | VSU |

| | | | | | |
|--|----------------------------------|--------------------|--|------------------|------------------------|
| OBJECTIVE 4 | Build a resilient command center | | | | |
| OUTCOME 4 | Established DRRM Command Center | | | | |
| Programs, projects & activities | Targets | Key outputs | Responsible persons/agency/office | Timeframe | Source of funds |

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

| | | | | | |
|---|--|---|---|-------------------|------------------|
| Submit a Proposal for Acquisition of UDRRM vehicles | Acquisition of Emergency Responder vehicles | <p>List of Equipment:</p> <p>TRANSPORTATION and EQUIPMENT</p> <p>Three (3) rescue vehicle</p> <p>Three (3) pick-up vehicle</p> <p>Four (4) Motorcycle</p> <p>Two (2) Minibus</p> <p>DISASTER RESPONSE and RESCUE Vehicle</p> <p>One (1) Boom Truck</p> <p>One (1) Dropside Truck with crane and auger</p> <p>Four (4) rubber boats with built-in engines</p> <p>One (1) Manalift Truck</p> <p>One (1) Dump Truck</p> <p>One (1) Wheel Loader</p> <p>One (1) Excavator</p> | OUDRRM, University Architect, LUDIP & Planning Office | Year 2024 | VSU, DBM, & NEDA |
| Submit a Proposal to build a DRRM Command Center | DRRRM Command Center: Construction of DRRM building and Acquisition of | Proposal for 1. Construction of a Three-Storey DRRNM and Rescue Headquarters Learning | OUDRRM, University Architect, LUDIP & Planning Office | 1st quarter, 2023 | VSU, DBM, & NEDA |

Vision: A globally competitive university for science, technology, and environmental conservation.

Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

| | | | | | |
|--|------------------------------|--|--|--|--|
| | Emergency Responder Vehicles | and Training Center, fully equipped for its operation and manpower requirements; 2Included in the Work & Financial Plan for 2022-20266. 3.Development of VSU DRRM System, Facilities, and Equipment. | | | |
|--|------------------------------|--|--|--|--|

| | | | | | |
|--|--|--|--|------------------|------------------------|
| OBJECTIVE 5 | To strengthen the capabilities of the university and neighboring communities to withstand disasters and other human-induced hazards. | | | | |
| OUTCOME 5 | Resilient university and neighboring communities | | | | |
| Programs, projects & activities | Targets | Key outputs | Responsible persons/agency/office | Timeframe | Source of funds |
| Craft a proposal to develop resilient communities in partnership with the communities. | To collaborate with community DRRM team | Comprehensive DRRM Plan, Hazard Map, Evacuation Map & other Disaster-resilient Communities, and other mandatory requirements attached to the DRRM Plan | OUDDRM and Barangay Councils | 2023 | VSU |

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

| | | | | | |
|--|--|--|---|------|----------|
| Craft a proposal to establish a flood control system. | Submission of proposal to UAdCo in consultation with Physical Plant Office | Program of Work, Budget Proposal | OUDDRM, LUDIP, Planning & PPO | 2023 | VSU |
| Propose funding to support raising awareness on disaster-resilient communities | Submission of proposed budget to UAdCO and LGU | More responsive and effective implementation of DRRM plans and projects in communities. Communities can adopt to changing situations. Communities will be able to assess their vulnerabilities and capacities in the face of identified hazards. | OUDDRMSSO, Finance Committee, Technical Working Group | 2023 | VSU, LGU |

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

| | | | | | |
|--|--|--|---|------|----------|
| Public Awareness and Capacity-building Project School and Community-based Information campaign for disaster and human induced hazards. | Develop and implement information campaign to raise awareness and understanding of natural and human induced hazards. (rescue demonstration, short drama/skit, community warning system, disaster response kits) | Heightened awareness of the need for Disaster Risk Reduction and human induced hazards information and communication tools in schools and communities. | OUDRRMSSO, CMC, Web Team and collaborators, USHER | 2023 | VSU, LGU |
|--|--|--|---|------|----------|

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

2. Disaster Preparedness

Goals, Objectives, and Outcomes

| Goals | |
|---|---|
| <i>Establish and strengthen capacities to anticipate, cope, and recover from negative impacts of emergency occurrences and disasters.</i> | |
| Objectives | Outcomes |
| <ul style="list-style-type: none"> • Increase the level of awareness among VSU stakeholders to the threats and impacts of all hazards, risks, and vulnerabilities. | <ul style="list-style-type: none"> • Increased level of awareness and enhanced capacity of VSU stakeholders to the threats and impacts of all hazards, risks, and vulnerabilities. |
| <ul style="list-style-type: none"> • Equip the VSU stakeholders with the necessary skills to cope with the negative impacts of a disaster including neighboring communities. | <ul style="list-style-type: none"> • VSU stakeholders are equipped with the necessary skills to cope with the negative impacts of a disaster including neighboring communities. |
| <ul style="list-style-type: none"> • Increase the capacity of VSU in DRRM. | <ul style="list-style-type: none"> • Increased capacity of VSU DRRM Officer/Council and offices at all levels |
| <ul style="list-style-type: none"> • Develop and implement comprehensive university DRRM preparedness policies, plans, and systems. | <ul style="list-style-type: none"> • Developed and implemented comprehensive University DRRM preparedness policies, plans and systems. |
| <ul style="list-style-type: none"> • Strengthen partnership among key players and stakeholders. | <ul style="list-style-type: none"> • Strengthened partnership and coordination among all key players and VSU stakeholders. |

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

Programs, Projects, and Activities Matrix

| GOAL | <i>Establish and strengthen capacities to anticipate, cope, and recover from negative impacts of emergency occurrences and disasters.</i> | | | | |
|---|---|---|--|--|--|
| OBJECTIVE 1 | Increase the level of awareness among VSU stakeholders to the threats and impacts of all hazards, risks, and vulnerabilities. | | | | |
| OUTCOME 1 | Increased level of awareness and enhanced capacity of VSU stakeholders to the threats and impacts of all hazards, risks, and vulnerabilities. | | | | |
| Programs, Projects, and Activities | Targets | Key Outputs | Responsible Person/ Agency/ Office | Timeframe | Source of Funds |
| <ul style="list-style-type: none"> Disaster Awareness Seminar Regular Simulations and Drills (Fire, Earthquake, Mass Casualty, and Terror Attacks) Climate Change Awareness Seminars | <ul style="list-style-type: none"> Students, Employees, VSU Residents, Neighboring Communities | <ul style="list-style-type: none"> Evaluation Report | <ul style="list-style-type: none"> OUDDRM BDRRMO | <ul style="list-style-type: none"> Regular and Periodic Twice a year Every Anniversary, Student On-Boarding Regular and Periodic | <ul style="list-style-type: none"> VSU LGU |

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

| | | | | | |
|--|--|--|--|--|--|
| <ul style="list-style-type: none"> • Information Dissemination thru multimedia platform • IEC Materials Production | | | | <ul style="list-style-type: none"> • Regular and Periodic | |
|--|--|--|--|--|--|

| | | | | | |
|--|--|---|--|---|---|
| OBJECTIVE 2 | Equip the VSU stakeholders with the necessary skills to cope with the negative impacts of a disaster including neighboring communities. | | | | |
| OUTCOME 2 | VSU stakeholders are equipped with the necessary skills to cope with the negative impacts of a disaster including neighboring communities. | | | | |
| Programs, Projects, and Activities | Targets | Key Outputs | Responsible Person/ Agency/ Office | Timeframe | Source of Funds |
| <ul style="list-style-type: none"> • Conduct of Training for Standard First Aid • Conduct of Basic Life Support Training • Conduct of Training on Mass Casualty Incident and Terror Attack Management | <ul style="list-style-type: none"> • Students, Employees, VSU Residents, Neighboring Communities | <ul style="list-style-type: none"> • Evaluation Report | <ul style="list-style-type: none"> • OUDRRM • BDRRMO | <ul style="list-style-type: none"> • 2023-2024 | <ul style="list-style-type: none"> • VSU |

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

| | | | | | |
|--|--|--|--|--|--|
| | | | | | |
|--|--|--|--|--|--|

| | | | | | |
|---|--|---|---|---|---|
| OBJECTIVE 3 | Increase the capacity of VSU in DRRM. | | | | |
| OUTCOME 3 | Increased capacity of VSU DRRM Office/Council and other offices at all levels. | | | | |
| Programs, Projects, and Activities | Targets | Key Outputs | Responsible Person/ Agency/ Office | Timeframe | Source of Funds |
| <ul style="list-style-type: none"> Hiring of organic personnel for DRRM and Responders Conduct of Incident Command System Training Conduct of Training on Contingency Planning Conduct of Contingency Training Conduct of Training for Search and Rescue Conduct of Training of Trainers on Psychological First Aid | <ul style="list-style-type: none"> OUDDRM, TWGs for the four thematic areas, Responders/ Rescuers, Security Personnel | <ul style="list-style-type: none"> Activity/ Evaluation Report | <ul style="list-style-type: none"> OP, OVPAF, ODAHRD, OUDDRM | <ul style="list-style-type: none"> 2023 – 2024 | <ul style="list-style-type: none"> VSU |

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

| | | | | | |
|--|--|--|--|--|--|
| <ul style="list-style-type: none"> Conduct of Training on Service Continuity Planning | | | | | |
|--|--|--|--|--|--|

| | | | | | |
|--|---|---|---|---|---|
| OBJECTIVE 4 | Develop and implement comprehensive university DRRM preparedness policies, plans, and systems. | | | | |
| OUTCOME 4 | Developed and implemented comprehensive University DRRM preparedness policies, plans and systems. | | | | |
| Programs, Projects, and Activities | Targets | Key Outputs | Responsible Person/ Agency/ Office | Timeframe | Source of Funds |
| <ul style="list-style-type: none"> Establishment of Guidelines and Stockpiling of Predetermined | <ul style="list-style-type: none"> OUDDRM, TWGs for the four thematic areas | <ul style="list-style-type: none"> Number of Guidelines established, | <ul style="list-style-type: none"> OUDDRM, TWG for Disaster Preparedness | <ul style="list-style-type: none"> 2023 – 2024 | <ul style="list-style-type: none"> VSU |

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

| | | | | | |
|--|--|-----------------------|--|--|--|
| Needs (food and non-food items) <ul style="list-style-type: none"> • Establishment of Guidelines for Fire Emergency and Disaster Management at VSU • Establishment of Guidelines for Typhoon and Flood-related Disaster Management • Establishment of Guidelines for Earthquake-related Disasters • Establishment of Guidelines for Explosive-related Disaster Management • Establishment of Guidelines for Security-related Emergencies • Establishment of Guidelines for Biological Hazard-related Emergencies | | implemented, reviewed | | | |
|--|--|-----------------------|--|--|--|

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

| | | | | | |
|---|--|--|--|--|--|
| <ul style="list-style-type: none"> • Establishment of Guidelines for Chemical-related Emergencies • Establishment of Guidelines for Radiation-related Emergencies • Establishment of Service Continuity Plan • Conduct of Regular Review • Conduct of Team Building among partners | | | | | |
|---|--|--|--|--|--|

| | | | | | |
|--|--|---|--|---|---|
| OBJECTIVE 5 | Strengthen partnership among key players and stakeholders. | | | | |
| OUTCOME 5 | Strengthened partnership and coordination among all key players and VSU stakeholders. | | | | |
| Programs, Projects, and Activities | Targets | Key Outputs | Responsible Person/ Agency/ Office | Timeframe | Source of Funds |
| <ul style="list-style-type: none"> • MOA Signing between VSU, CDRRMO, OCD, BFP, PNP, DSWD, DOH, DPWH, | <ul style="list-style-type: none"> • Local, National, and International Government and Non-Government Institutions. | <ul style="list-style-type: none"> • Duly signed MOA | <ul style="list-style-type: none"> • OUDRRM | <ul style="list-style-type: none"> • 2023-2024 | <ul style="list-style-type: none"> • VSU |

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

| | | | | | |
|--|--|--|--|--|--|
| KOICA, JICA, Red Cross and other CSOs/NGOs | | | | | |
|--|--|--|--|--|--|

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

3. Disaster Response

Goals, Objectives, and Outcomes

| Goal | |
|--|--|
| <i>Provide risk-based, timely and anticipatory response actions to address basic, life preservation and meet the basic subsistence needs of VSU constituents and other affected communities/populations, during and/or immediately after a disaster.</i> | |
| Objectives | Outcomes |
| <ul style="list-style-type: none"> To activate the emergency response center (ERC) equipped with response workforce and volunteers; | <ul style="list-style-type: none"> Well-established ERC with well-equipped workforce and volunteers; |
| <ul style="list-style-type: none"> To evacuate safely, preemptively, and immediately, affected VSU constituents and other affected communities/populations and ensure their safety; | <ul style="list-style-type: none"> Appropriate early actions are provided to VSU constituents and communities; |
| <ul style="list-style-type: none"> To determine and provide immediate basic subsistence needs of the affected VSU constituents and other affected communities/populations. | <ul style="list-style-type: none"> Adequately provided the basic subsistence needs of the affected VSU constituents and other affected communities/populations. |
| <ul style="list-style-type: none"> To establish and implement an integrated system for search, rescue, and early recovery operations; | <ul style="list-style-type: none"> Implemented an integrated system for search, rescue, and early recovery operations; |
| <ul style="list-style-type: none"> Decrease the number of fatalities and injuries; | <ul style="list-style-type: none"> Reduced number of fatalities and injuries; |
| <ul style="list-style-type: none"> Ensure coordination of civic/private organization and/or responders. | <ul style="list-style-type: none"> Managed consequences of natural hazards and human-induced disasters. |

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

Programs, Projects, and Activities Matrix

| | | | | | |
|---|---|--------------------|---|--------------------------------|------------------------|
| GOAL | Provide risk-based, timely and anticipatory response actions to address basic, life preservation and meet the basic subsistence needs of VSU constituents and other affected communities/populations, during and/or immediately after a disaster. | | | | |
| OBJECTIVE 1 | To activate the emergency response center equipped with response workforce and volunteers. | | | | |
| OUTCOME 1 | Well-established emergency response team with well-equipped workforce and volunteers. | | | | |
| Programs, Projects and Activities | Targets | Key Outputs | Responsible Person/ Agency/ Office | Time Frame | Source of Funds |
| Activate ERC and evacuation centers at the campus | 100% of the response workforce and volunteers are activated | Activation Report | ERC/ CMC/ OUDRRM | 24 hours before disaster onset | NA |

| | | | | | |
|--------------------|--|--|--|--|--|
| OBJECTIVE 2 | To evacuate safely, preemptively, and immediately, affected VSU constituents and other affected communities/populations and ensure their safety. | | | | |
| OUTCOME 2 | Appropriate early actions are provided to VSU constituents and communities. | | | | |

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

| Programs, Projects and Activities | Targets | Key Outputs | Responsible Person/ Agency/ Office | Time Frame | Source of Funds |
|--|--|--------------------|---|---|--|
| 1. Transportation of affected VSU constituents and other affected communities/populations to the assigned temporary shelters | 100% of the displaced VSU constituents and other affected communities/populations transported | Situation Report | ERT/ CMC/ OUDRRM | 24 hours before disaster onset | Quick Response Fund (QRF) |
| 2. Provision of temporary shelters for internally displaced affected VSU constituents and other affected communities/populations | 100% of the displaced VSU constituents and other affected communities/populations provided with temporary shelters | Situation Report | ERT/ CMC/ OUDRRM | Upon activation of the ERC until early recovery phase | Quick Response Fund (QRF), donations (internal & external) |

| | |
|--------------------|---|
| OBJECTIVE 3 | To determine and provide immediate basic subsistence needs of the affected VSU constituents and other affected communities/populations; |
|--------------------|---|

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

| | | | | | |
|--|---|--------------------|---|---|--|
| OUTCOME 3 | Adequately provided the basic subsistence needs of the affected VSU constituents and other affected communities/population. | | | | |
| Programs, Projects and Activities | Target | Key Outputs | Responsible Person/ Agency/ Office | Time Frame | Source of Funds |
| 1. Distribution of food and non-food items | 100% of the displaced VSU constituents and other affected communities/populations provided with basic subsistence needs | Situation Report | ERT/ CMC/ OUDRRM | Upon activation of the ERC until early recovery phase | Quick Response Fund (QRF), donations (internal & external) |

| | | | | | |
|--|--|--------------------|---|-------------------|------------------------|
| OBJECTIVE 4 | To establish and implement an integrated system for search, rescue, and early recovery operations. | | | | |
| OUTCOME 4 | Implemented an integrated system for search, rescue, and early recovery operations. | | | | |
| Programs, Projects and Activities | Target | Key Outputs | Responsible Person/ Agency/ Office | Time Frame | Source of Funds |

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

| | | | | | |
|--|---|---|---|------------------------------------|---------------------------|
| 1. Conduct a coordination meeting with different stakeholders (CMC, OUDRRM, CDRRMO, CDRRMC, BRRMC, CSOs, etc.) | 100% of the identified stakeholders attended the coordination meeting | Consolidated Report | ERT/ CMC/ OUDRRM/ CDRRMO/ CDRRMC/ BRRMC/ CSOs | 24 hours before disaster onset | Quick Response Fund (QRF) |
| 2. Dispatch responders to identified affected areas | 100% of the identified affected areas covered | Responder's Report | ERT/ CMC/ OUDRRM/ CSOs | 24 – 72 hours after disaster onset | Quick Response Fund (QRF) |
| 3. Conduct damage assessment and needs analysis | 100% of the damage and/or affected areas assessed | Consolidated Damage and Needs Analyses Report | ERT/ CMC/ OUDRRM/ CSOs | 24 – 72 hours after disaster onset | Quick Response Fund (QRF) |
| | | | | | |
| OBJECTIVE 5 | Decrease the number of fatalities and injuries. | | | | |
| OUTCOME 5 | Reduced number of fatalities and injuries. | | | | |

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

| Programs, Projects and Activities | Target | Key Outputs | Responsible Person/ Agency/ Office | Time Frame | Source of Funds |
|---|------------------------------------|----------------------------|---|---|--------------------------------------|
| 1. Prompt, effective, and effective response operations | 100% delivery of response services | Response Operations Report | ERT/ CMC/ OUDRRM/ CSOs | 24 hours before disaster onset and 24 – 72 hours after disaster onset | Quick Response Fund (QRF), donations |

| OBJECTIVE 6 | Ensure coordination of civic/private organization and/or responders. | | | | |
|--|---|--------------------|---|---|---------------------------|
| OUTCOME 6 | Managed consequences of natural hazards and human-induced disasters. | | | | |
| Programs, Projects and Activities | Target | Key Outputs | Responsible Person/ Agency/ Office | Time Frame | Source of Funds |
| 1. Mobilize the civic/private organization and/or responders | 100% mobilization of the civic/private organization and/or responders | Situation Report | ERT/ CMC/ OUDRRM/ CDRRMO/ CDRRMC/ BRRMC/ CSOs | 24 hours before disaster onset and 24 – 72 hours after disaster onset | Quick Response Fund (QRF) |

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

| | | | | | |
|--|--------------------------------------|------------------|---|---|--------------------------|
| 2. Activation of information platforms (handheld radios, socmed, etc.) | 100% information platforms activated | Situation Report | ERT/ CMC/ OUDRRM/ CDRRMO/ CDRRMC/ BRRMC/ CSOs | 24 hours before disaster onset and 24 – 72 hours after disaster onset | Quick Response Fund (QRF |
|--|--------------------------------------|------------------|---|---|--------------------------|

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

4. Rehabilitation and Recovery

Goals, Objectives, and Outcomes

| Goal | |
|--|--|
| <i>To restore and improve the university classroom, housing, and other facilities and reduce disaster risk in accordance with the “build back better” principle</i> | |
| Objective | Outcomes |
| <ul style="list-style-type: none"> Rehabilitate and reconstruct damaged critical infrastructures and facilities | <ul style="list-style-type: none"> Improved resiliency of damaged critical infra and facilities. |
| <ul style="list-style-type: none"> Relocated and improved the housing of students, faculty, and staff as well as their classrooms. | <ul style="list-style-type: none"> Improved housing, dorm, and classroom conditions and reduced casualty risk. |
| <ul style="list-style-type: none"> Assist in the physical and psychological rehabilitation of a person who suffered from the effects of the disaster. | <ul style="list-style-type: none"> A psychologically sound, safe, and secure faculty/staff and students that is protected from the effects of disasters and able to restore normal functioning after each disaster. |

Programs, Projects, and Activities Matrix

| | | | | | |
|--|--|---|---|---|------------------------|
| GOAL | To restore and improve the university classroom, housing, and other facilities and reduce disaster risk in accordance with the “build back better” principle | | | | |
| OBJECTIVE | Rehabilitate and reconstruct damaged critical infrastructures and facilities | | | | |
| OUTCOME | Improved resiliency of damaged critical infra and facilities | | | | |
| Programs, Projects, and Activities | Targets | Key Output | Responsible Person/Agency/Office | Time Frame | Source of Funds |
| Damage Assessment of all buildings and facilities. | All buildings, classrooms, offices, dorms, and staff housing | Detailed Cost Estimates for Rehab and Scope of Work | PPO/GSD | 1 Day | VSU Admin |
| Rehabilitation, Restoration, Retrofitting of damaged Classrooms, Dorms, and other facilities | 100% of all damaged facilities | 100% Restored and Retrofitted and with better disaster proof infra. | PPO/GSD/BAC/Budget and Planning | 1-6Months. (will depend on procurement process) | LDRRMF/STF/ Donation/ |

| | |
|------------------|---|
| OBJECTIVE | Relocated and improved the housing of students, faculty, and staff as well as their classrooms. |
|------------------|---|

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

| OUTCOME | Improved housing, dorm, and classroom conditions and reduced casualty risk. | | | | |
|---|---|---|---|-------------------|------------------------|
| Programs, Projects, and Activities | Targets | Key Output | Responsible Person/Agency/Office | Time Frame | Source of Funds |
| Identify buildings that can be retrofitted by adding retaining wall or slope protection | All dorms, offices, and buildings that are near landslide-prone area. | Report of buildings that can be retrofitted and buildings that must be condemned due to danger. | PPO/GSD | 3 days | STF/GF |
| Construction of retaining walls and slope protection | All identified Dorm and buildings near landslide prone area | Constructed retaining walls and slope protection | GSD/PPO/Admin | 1 year | GF/LDRRMF Donations |
| Construction of replacement building | All identified buildings that need to be condemned | Constructed replacement building | GSD/PPO/Admin | | GF/LDRRMF Donations |

| OBJECTIVE | Assist in the physical and psychological rehabilitation of a person who suffered from the effects of the disaster. |
|------------------|--|
|------------------|--|

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

| | | | | | |
|--|--|--------------------------|---|--------------------------|------------------------|
| OUTCOME | A psychologically sound, safe, and secure faculty/staff and students that is protected from the effects of disasters and able to restore normal functioning after each disaster. | | | | |
| Programs, Projects, and Activities | Targets | Key Output | Responsible Person/Agency/Office | Time Frame | Source of Funds |
| Provide stress debriefing activity on all evacuees | All evacuees | Social Services programs | USHER/Guidance Counselors | Right after the disaster | GF |

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

F. Monitoring and Evaluation

Monitoring and evaluation (M&E) are essential components of any Disaster Risk Reduction and Management (DRRM) program, projects, and activities. M&E helps assess the effectiveness, efficiency, and impact of DRRM efforts and ensures that they align with their intended goals and objectives.

M&E ensures that DRRM efforts are transparent and accountable. By regularly tracking progress and sharing findings, it helps build trust among stakeholders, including funders, government agencies, and the affected communities. Organizations can identify which DRRM activities are most effective and where resources should be allocated. This ensures that resources are used efficiently and directed toward initiatives that yield the greatest impact. Regular monitoring helps maintain the quality of DRRM activities. It enables organizations to identify and address issues as they arise, ensuring that the program or project meets established standards and objectives.

Through the evaluation process, organizations can identify best practices that have been successful in reducing disaster risks. These practices can then be scaled up and replicated in other areas, contributing to more effective DRRM efforts on a broader scale.

By implementing a robust M&E system, DRRM programs, projects, and activities can continually improve their effectiveness, adapt to changing circumstances, and contribute to building disaster resilience in communities and regions.

PPA Monitoring and Evaluation

1. Disaster Prevention and Mitigation

Program, Projects, and Activities (PPA):

- SWOC Analysis

| Baseline | Assumption/ Risks | Objectively verifiable indicators | Targets | Data sources | Collection methods | Frequency and audience to report to | OPR/PPR | Resources needed |
|--|---------------------------------------|---|--------------------------------|-----------------|---|---|------------------------------------|---|
| University & Brgys. Pangasugan, Guadalupe, Patag | Lack of commitment and funding, | Risk & Opportunities Assessment Matrix (ROAM) & Work Financial Plan for each barangay | University & 3 Barangays | OUDRRM | Submission of Final Report/Output | once | Planning Office & OUDRR M | Facilitator, Office supplies & materials, transportatio n & Secretariat |

Program, Projects, and Activities (PPA):

- Early Warning System

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

| Baseline | Assumption/ Risks | Objectively verifiable indicators | Targets | Data sources | Collection methods | Frequency and audience to report to | OPR/PPR | Resources needed |
|--|--|---|--------------------------|-----------------|-----------------------------------|---|----------------------------|--|
| University & Brgys. Pangasugan, Guadalupe, Patag | Commitment of participants/proponents; | Draft Proposal | University & 3 Barangays | OUDRRM | Submission of Final Report/Output | once | OUDRRM & Barangay Councils | Facilitator, Office supplies & materials, transportation & Secretariat |

Program, Projects, and Activities (PPA):

- Revisit Policies & Guidelines

| Baseline | Assumption/ Risks | Objectively verifiable indicators | Targets | Data sources | Collection methods | Frequency and audience to report to | OPR/PPR | Resources needed |
|------------------------------------|-------------------------------------|---|------------------------------|-----------------------------|---|---|---|---|
| Policy & Guidelines, IEC Materials | Conflicting provisions & directives | IEC materials, copies of ordinance, policy and guidelines | online and offline materials | OP, LGU, Archives & Records | Submission of Final Report/Output to OUDRRM | Quarterly report to Extension Office & In-house Annual Review, Extension Workers, Community representatives | OUDRRM, Brgy Councils, Extension Office | office supplies & materials, technology equipment |

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

Program, Projects, and Activities (PPA):

- Disaster Risk Reduction and Management Center

| Baseline | Assumption/ Risks | Objectively verifiable indicators | Targets | Data sources | Collection methods | Frequency and audience to report to | OPR/PPR | Resources needed |
|-----------------------------|---------------------------|---|--------------------------------|-----------------|---|---|-------------------------------------|---|
| University & 3 Barangays | inclusion in the LUDIP | Draft Proposal | University & 3 Barangays | OUDDRM | Submission of proposal & other documented requirements | once | OUDDRR M & Planning Office | office supplies & materials, technology equipment |

Program, Projects, and Activities (PPA):

- Disaster Risk Reduction and Management Center

| Baseline | Assumption/ Risks | Objectively verifiable indicators | Targets | Data sources | Collection methods | Frequency and audience to report to | OPR/PPR | Resources needed |
|--|---|---|--------------------------------|-----------------|---|---|---------------------------------------|---|
| University & Brgys. Pangasugan, Guadalupe, Patag | commitment of participants/pro ponents; | Draft Proposal | University & 3 Barangays | OUDDRM | Submission of Final Report/Output | once | OUDDRR M & Barangay Councils | Office supplies & materials, transportatio n & Secretariat |

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

2. Disaster Preparedness

Program, Projects, and Activities (PPA):

- Disaster Awareness Seminar
- Climate Change Awareness Seminars

| Baseline | Assumptions/ Risks | Objectively Verifiable Indicators | Targets | Data Sources | Collection Methods | Frequency and Audience to report to | OPR/PPR | Resources Needed |
|-------------------------------|--------------------------------------|---|---------|--|---|--|--------------------------------|--|
| 9,800 Students | No awareness seminars attended | Number of student attendees | 100% | Documentati on. Activity/Acc omplishmen t report (Attendance sheet; Event Evaluation) | Submission of Activity Report. Pretest-Post test Result | Annually to OUDRRM | OUDRRM/ Extension Office | 1. Budgetary Requirements |
| 600 Faculty and Staff | | Number of faculty and staff attendees | | | | | | 2. Resource Persons |
| 5 neighboring barangays | | Number of barangay attendees | | | | | | 3. IT Equipme nt 4. Venue 5. Sound System |

Program, Projects, and Activities (PPA):

- Regular Simulations and Drills (Fire, Earthquake, Mass Casualty, and Terror attacks)

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

| Baseline | Assumptions/ Risks | Objectively Verifiable Indicators | Targets | Data Sources | Collection Methods | Frequency and Audience to report to | OPR/PPR | Resources Needed |
|---|-----------------------|---|---------|---|-------------------------------------|--|---------------|---|
| 9,800 Students 600 Faculty and Staff | Low participation | Number of participants | 100% | No. of Simulation and Drill Memo; Activity/Acc omplishment report (Attendance sheet) | Submission of Activity Report | Semi-Annual to OUDRRM | OP/ OUDRRM | 1. Simulation mannequins 2. First Training Kit 3. EMT/ USHER 4. Sound System |

Program, Projects, and Activities (PPA):

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

- IEC Materials Production and Information Dissemination thru multimedia platform

| Baseline | Assumptions/ Risks | Objectively Verifiable Indicators | Targets | Data Sources | Collection Methods | Frequency and Audience to report to | OPR/PPR | Resources Needed |
|--|--|---|---------|--|---|--|---|--|
| 9,800 Students 600 Faculty and Staff 5 neighboring barangays | IEC Materials and Information doesn't reach intended clientele | Number of IEC printed and distributed; Number of episodes aired; Social Media metrics | 100% | IEC and Information Drive Summary/ Report; Social Media metrics | Feedback thru FGD interviews, survey questionnaire; Social media interaction | Annually to OUDRRM | 2 thematic areas (Prevention and Mitigation, and Preparedness) TWGs | 1. IT Equipment and Printing Materials 2. Proofreading expertise consultation |

Program, Projects, and Activities (PPA):

- Conduct of Training for Standard First Aid

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

- Conduct of Basic Life Support Training
- Conduct of Training on Mass Casualty Incident and Terror Attack Management

| Baseline | Assumptions/ Risks | Objectively Verifiable Indicators | Targets | Data Sources | Collection Methods | Frequency and Audience to report to | OPR/PPR | Resources Needed |
|---|--|---|---------|--|---|--|--------------------------------|---|
| 2,700 Freshmen (NSTP Students) | No prior training; Low/Poor sense of volunteerism; Not a priority | Number of individuals trained | 100% | Documentati on; Activity/Acc omplishmen t report (Attendance sheet; Event Evaluation) | Submission of Activity Report; Pretest-Post test Result | Annually to OUDRRM | OUDRRM/ Extension Office | 1. Budgetar y Requirem ents |
| 100 Student Organization Officers | | | | | | | | 2. Resource Persons |
| 40 Faculty and Staff Volunteers (5 per college) | | | | | | | | 3. IT Equipme nt 4. Venue Sound System |

Program, Projects, and Activities (PPA):

- Hiring of organic personnel for DRRM and Responders

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

| Baseline | Assumptions/ Risks | Objectively Verifiable Indicators | Targets | Data Sources | Collection Methods | Frequency and Audience to report to | OPR/PPR | Resources Needed |
|---|---|---|---------|---|-----------------------------------|--|-------------------------|---------------------|
| 24 responders (EMS and Rescuers) hired | No dedicated personnel and support staff; No plantilla positions | Number of personnels hired | 24 | Number of Plantilla Positions created; Number of Appointments Issued | Hiring Process; DBM Resolution | As needed or as required By ODAHRD | OP, OVPAF, ODAHRD | - |
| 1 organic Head of DRRMO, 9 support staff (3 for admin and training, 3 for research and planning, 3 for operation and warning) | | | 10 | | | | | |

Program, Projects, and Activities (PPA):

- Conduct of Incident Command System Training
- Conduct of Training on Contingency Planning

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

- Conduct of Training for Search and Rescue
- Conduct of Training of Trainers on Psychological First Aid
- Conduct of Training on Service Continuity Planning

| Baseline | Assumptions/ Risks | Objectively Verifiable Indicators | Targets | Data Sources | Collection Methods | Frequency and Audience to report to | OPR/PPR | Resources Needed |
|---------------------------|-----------------------|---|---------|--|---|--|---------|---|
| 34 OUDRRM personnel | No prior training | Number of individuals trained | 100% | Documentati on; Activity/Acc omplishmen t report (Attendance sheet; Event Evaluation) | Submission of Activity Report; Pretest-Post test Result | 10 days after each training | OUDRRM | 1. Budgetary Requirem ents |
| 23 CMC members | | | | | | | | 2. Resource Persons 3. IT Equipme nt 4. Venue Sound System |

Program, Projects, and Activities (PPA):

- Establishment of DRRM Manual
- Establishment of Guidelines for Stockpiling of Predetermined Needs (food and non-food items)

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

- Establishment of Guidelines for Fire Emergency and Disaster Management at VSU
- Establishment of Guidelines for Typhoon and Flood-related Disaster Management
- Establishment of Guidelines for Earthquake-related Disasters
- Establishment of Guidelines for Explosive-related Disaster Management
- Establishment of Guidelines for Security-related Emergencies
- Establishment of Guidelines for Biological Hazard-related Emergencies
- Establishment of Guidelines for Chemical-related Emergencies
- Establishment of Guidelines for Radiation-related Emergencies
- Establishment of Service Continuity Plan

| Baseline | Assumptions/ Risks | Objectively Verifiable Indicators | Targets | Data Sources | Collection Methods | Frequency and Audience to report to | OPR/PPR | Resources Needed |
|---------------------------|---|---|--|---|--|--|---------|---|
| 34 OUDDRM personnel | No established DRMM Manual and Guidelines on the management of all hazards | Number of Manuals and Guidelines; Number of Contingency Plan | 1 DRRM Manual; 9 Hazard Managemen t Guidelines; 1 Service Continuity Plan | Documents submitted, reviewed, and approved | Submission of Documents/ Guidelines | 10 days after each activity to the UDRRMC | OUDDRM | 1. Budgetar y Requirem ents 2. IT equipmen t and printing materials |
| 23 CMC members | | | | | | | | |

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

Program, Projects, and Activities (PPA):

- Conduct of Regular Review
- Conduct of Team Building among partners

| Baseline | Assumptions/ Risks | Objectively Verifiable Indicators | Targets | Data Sources | Collection Methods | Frequency and Audience to report to | OPR/PPR | Resources Needed |
|-----------------------------|--|---|---------|---|-------------------------------------|--|-------------------|--------------------------------------|
| OUDDRM, CMC, Partners | Variable working environmental condition; No established working relationship | 1 review at least every 2 years; 1 annual team building Activity | 100% | Documentati on; Activity/Acc omplishmen t report (Attendance sheet; Event Evaluation) | Submission of Activity Report | 10 days after every review to the UDRRMC; 10 days after team building activity to OUDDRM | OUDDRM, UDRRMC | 1. Budgetar y requirem ents |

Program, Projects, and Activities (PPA):

- MOA Signing between VSU, CDRRMO, OCD, BFP, PNP, DSWD, DOH, DPWH, KOICA, JICA, Red Cross and other CSOs/NGOs

| Baseline | Assumptions/ Risks | Objectively Verifiable Indicators | Targets | Data Sources | Collection Methods | Frequency and Audience to report to | OPR/PPR | Resources Needed |
|----------|-----------------------|---|---------|-----------------|-----------------------|--|---------|---------------------|
| | | | | | | | | |

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

| | | | | | | | | |
|--|-------------------------------------|----------------------|-------------------------------|---------------------------------|---|--|-----------------------------|------------------------|
| Partner International, National, and Local Agencies; NGOs and CSOs | No existing partnerships/agreements | Number of MOA signed | 100% from identified partners | Minutes of meetings, signed MOA | MOA submitted, reviewed, approved, and signed | 10 days after review and approval of MOA | OUDRRM and partner agencies | Budgetary requirements |
|--|-------------------------------------|----------------------|-------------------------------|---------------------------------|---|--|-----------------------------|------------------------|

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

3. Disaster Response

Program, Project and Activity (PPA):

- Activate ERC and evacuation centers at the campus

| Baseline | Assumptions/ Risks | Objectively verifiable indicators | Targets | Data source | Collection method | Frequency and audience to report to | OPR/PPR | Resources needed |
|----------|-------------------------|---|---------------------------------|-----------------|------------------------------|---|------------------------------|--|
| 1 ERC | Only 1 ERC available | No. of ERC utilized | 100% ERC operationalize d | OUDRR M Plan | OUDRRM Plan submission | 24 hours before onset of disaster, OUDRRM and CMC | ERT CMC UDRRMC | Supplies and equipment for ERC activation, OUDRRM Plan |

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

Program, Project and Activity (PPA):

- Transportation of affected VSU constituents and other affected communities/populations to the assigned temporary shelters

| Baseline | Assumptions/ Risks | Objectively verifiable indicators | Targets | Data source | Collectio n method | Frequency and audience to report to | OPR/ PPR | Resources needed |
|--|---|--|--|--|--|---|--|---|
| <p>All affected VSU constituents and other affected communities/populations</p> <p>All prepared transport vehicles</p> | <p>All affected VSU constituents and other affected communities/populations</p> <p>will be transported to their assigned temporary shelters</p> <p>Delayed transportation due</p> | <p>No. of affected constituents and other affected communities/p opulations</p> <p>No. of transport vehicles</p> | <p>100% affected constituents and other affected communities/populations</p> <p>Evacuated</p> <p>100% of the prepared transport vehicles are available</p> | <p>BRRM committee report</p> <p>OUDRRM /CMC situation analysis report</p> <p>GSD list of prepared transport vehicles and operators</p> | <p>Direct observati on/ report submissio n</p> <p>Report submissio n</p> | <p>Within 24 hours before onset of disaster, OUDRRM, CMC</p> <p>Within 24 hours before onset of disaster, UDRRMO, CMC</p> | <p>CMC, OUDRRM, ERT</p> <p>CMC, OUDRRM, ERT, GSD</p> | <p>Transports Vehicles, supplies and equipment for transportatio n,</p> <p>Human resources, administrati ve expenses, BRRMC/O UDRRM/C MC/GSD report</p> |

Vision: A globally competitive university for science, technology, and environmental conservation.

Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

| | | | | | | | | |
|--|------------------------------|--|--|--|--|--|--|--|
| | impassability of the road | | | | | | | |
|--|------------------------------|--|--|--|--|--|--|--|

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

4. Rehabilitation and Recovery

Program, Project and Activity (PPA):

- Damage Assessment of all buildings and facilities.

| Baseline | Assumption/ Risks | Objectively verifiable indicators | Targets | Data Sources | Collection Method | Frequency | OPR/PPR | Resources Needed |
|-----------------------|---|---|---------------------|-------------------|----------------------|----------------|------------------|---|
| All existing building | Areas not accessible due debris PPO personnel also a victim of the disaster. | No. of damaged building, dorms, staff housing | 100% of the damaged | Inspection Report | Report Submission | Once / OUDRRMC | PPO/Engr. Burlas | Office Supplies and equipment for report submission |

Program, Project and Activity (PPA):

- Rehabilitation, Restoration, Retrofitting of damaged Classrooms, Dorms, and other facilities

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

| Baseline | Assumption/ Risks | Objectively verifiable indicators | Targets | Data Sources | Collection Method | Frequency | OPR/PPR | Resources Needed |
|---|--|---|-------------------------------|-----------------|-----------------------------|-----------|--|---|
| All affected buildings/ classrooms/staff house | Heavy Equipment also damaged during the disaster Delay or shortage of fund for rehab. | No. of damaged buildings | 100% of the damaged buildings | Building Plan | Submission of building plan | Monthly | OVPAF/OU DRRMC PPO/ % Engr Burlas | Supplies, Construction materials, heavy equipment |

Program, Project and Activity (PPA):

- Construction of retaining walls and slope protection

| Baseline | Assumption/ Risks | Objectively verifiable indicators | Targets | Data Sources | Collection Method | Frequency | OPR/PPR | Resources Needed |
|--|--|---|--|-----------------|----------------------|-------------------------------|------------------|---|
| All identified buildings near landslide prone area | Refusal of the occupant to vacate the dorm/building No identified relocation area | No. of identified buildings. | 100% of the identified buildings and its occupants be transferred to new site. | Reports | Report submission | Once/OU DR MMC/ % Engr Burlas | PPO/Engr. Burlas | Office Supplies and equipment for report submission |

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

| | | | | | | | | |
|--|-------------|--|--|--|--|--|--|--|
| | No manpower | | | | | | | |
|--|-------------|--|--|--|--|--|--|--|

| Baseline | Assumption/ Risks | Objectively verifiable indicators | Targets | Data Sources | Collection Method | Frequency | OPR/PPR | Resources Needed |
|--|--|---|--|-----------------|----------------------|------------------------------------|------------------|--|
| All identified buildings near landslide prone area | Refusal of the occupant to vacate the dorm/building No identified relocation area | No. of identified buildings or site | 100% of the identified buildings and its occupants be transferred to new site. | Reports | Report submission | Monthly /OUDRMMC/ % Engr Burlas | PPO/Engr. Burlas | Office Supplies, Construction materials and equipment |

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

VI. REFERENCES

Sendai Framework for Disaster Risk Reduction 2015-2030. (2015). Sendai, Japan: United Nations Office for Disaster Risk Reduction.

United Nations. (2015). Sustainable Development Goals. <https://sdgs.un.org/goals>

Paris Agreement, opened for signature 22 April 2016, 55 I.L.M. 6 (entered into force 4 November 2016).

Habitat III: The Philippine National Report. (2016). A New Urban Agenda: Better, Greener, Smart Cities in an Inclusive Philippines

Philippine National Disaster Risk Reduction and Management Council. (2011). Philippine National Disaster Risk Reduction and Management Plan 2011-2028. National Disaster Risk Reduction and Management Council.

Republic of the Philippines. (2010). An Act Strengthening the Philippine Disaster Risk Reduction and Management System, (Republic Act No. 10121). National Disaster Risk Reduction and Management Council.

LGU Baybay. Baybay Community Disaster Risk Reduction and Management Plan. City Government of Baybay.

LGU Leyte. Leyte Province Disaster Risk Reduction and Management Plan. Provincial Government of Leyte.

VII. ANNEXES

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

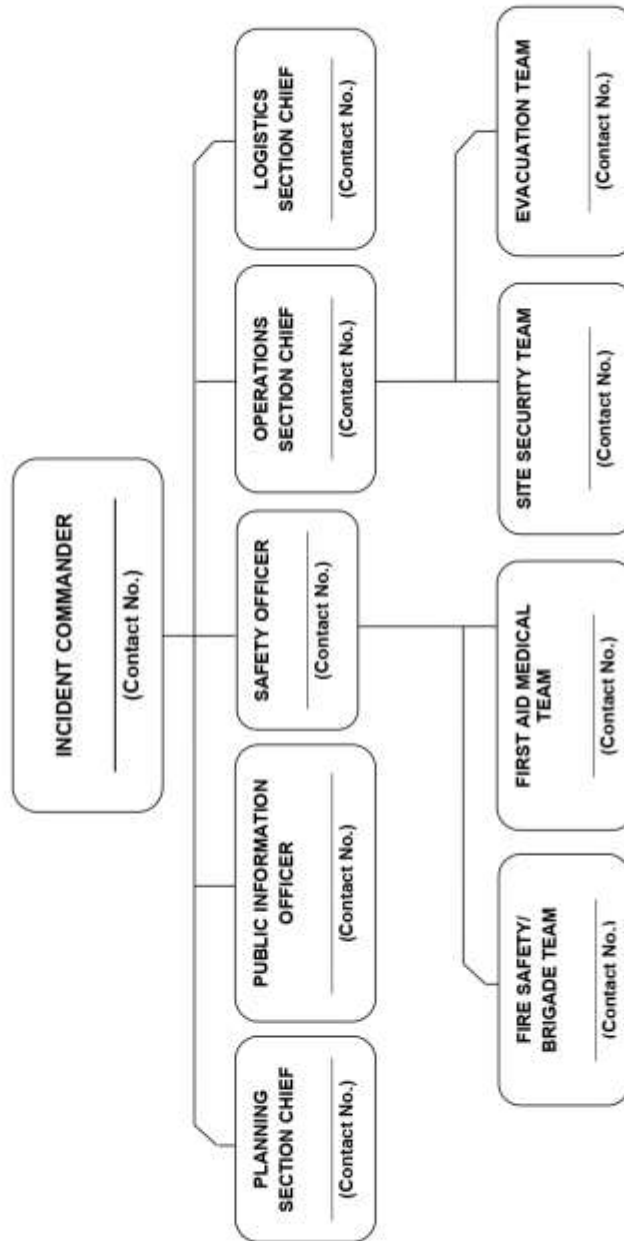
ANNEX B. Adopted Incident Command Structure of VSU



CRISIS MANAGEMENT COMMITTEE
 Visayas State University
 Visca Baybay City, Leyte, PHILIPPINES
 Website: www.vsu.edu.ph

1.1 Incident Management Team (For Event Organizer)

Outline the key people and their roles in your Incident Management Team. Where applicable include the key person responsible.



Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

ANNEX C. Evacuation Areas in VSU



VISAYAS
STATE UNIVERSITY

OFFICE OF THE PRESIDENT
2/F Administration Building
Visca, Baybay City, Leyte, PHILIPPINES
Telefax: +63 53 563 7067
Email: op@vsu.edu.ph
Website: www.vsu.edu.ph



28 October 2022

MEMORANDUM CIRCULAR NO. 121
Series of 2022

T O: All VSU Constituents (Main and Component Colleges)
R E: Suspension of Classes in All VSU Campuses on October 28, 2022 due to Tropical Storm Paeng

Classes in all levels are suspended due to Tropical Storm Paeng. Storm warning signal number 1 has been raised for Leyte Province. Likewise, the VSU Academic Convocation and Inauguration of Centennial Gates are postponed until further notice.

Work, however, for VSU employees shall proceed.

Everyone is encouraged to always monitor storm updates from legitimate sources. Further, everyone is reminded of the following identified evacuation areas:

| No. | Name of Building |
|-----|---|
| 1 | Department of Horticulture (DOH) Building |
| 2 | Eco-FARMI Building |
| 3 | OVPREI RDE Hall |
| 4 | PhilRootcrops Complex |
| 5 | Engineering Building Complex |
| 6 | Regional Climate Change Research and Development Center (RCCRDC) |
| 7 | Advanced Research Innovation Center (ARIC) Building |
| 8 | ADE/CME Building |
| 9 | VSU Library (New building) |
| 10 | Gymnatorium |
| 11 | Department of Liberal Arts and Behavioral Sciences (DLABS) Building |
| 12 | ODS Complex |
| 13 | College of Nursing Building |
| 14 | Old Library Building |
| 15 | College of Forestry Building |
| 16 | Department of Consumer and Hospitality Management (DCHM) Building |

For the information and guidance of everyone.


EDGARDO E. TULIN
President

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

Page 1 of 1
FM-OOP-02
v2 04-27-2020
No. 22-121

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

ANNEX D. Recovery Procedures for Various Library materials

Salvage Priority Form

Listed below are the portions of the collections of the Visayas State University Libraries with assigned salvage priorities. Priority is based upon the uniqueness of the materials, replacement value, and ability to contribute to the restoration of services, even at a minimal level. Designated degrees of importance are as follows: **Priority 1** is red, **Priority 2** is blue, and **Priority 3** is green.

1. Salvage Priorities I - General References, Reserves and Administration Records

| Priority Ranking | Dewey/LC Call Number/Format | Location | Approx. No. of Vols | Remarks |
|------------------|-----------------------------|----------|---------------------|---------|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

2. Salvage Priorities II - Special Collections and Circulation

| Priority Ranking | Dewey/LC Call Number/ | Format | Location | Remarks |
|------------------|-----------------------|--------|----------|---------|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

3. Salvage Priorities III- Periodicals and Non-Print Materials

| Priority Ranking | Records | Format | Location | Remarks |
|------------------|---------|--------|----------|---------|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

(Provide a separate paper for additional listings.)

Library Disaster Response Team Responsibilities

The Library Disaster Response Team consists of:

- Library Disaster Response Coordinator
- Library Response Team
- Communication Team
- Documentation
- First Aid Team
- Safety & Security Team

Disaster Response Coordinator Responsibilities:

- Liaises with the Disaster Recovery Coordinator
- Ensures priorities for salvage to comply with agreed priority list
- Estimates the amount of financial funding required for the salvage operation
- Arranges for food and drink for volunteer workers
- Supervises the staff and volunteers during collection response efforts
- Assesses damage to the collections
- Locates specific priority collections to be saved or recovered first
- Determines which items can be recovered in-house and which need to be sent out for recovery
- Determines which parts of the damaged collection are not worth recovery efforts
- Supervises in-house cleaning and drying
- Supervises the processing of all damaged materials
- Delegates duties
- Prepares a written report of the recovery and/or relocation activities

Response Team Responsibilities:

- Ensures methods of communication both inside and outside the library, hospital, Municipal Disaster Risk Reduction and Management Council (MDRRMC)
- Establishes a command center
- Begins salvage operations after the building is deemed safe by facilities management or local safety officials
- Oversees overall management of recovery and salvage operations
- Supervises delivery and installation of equipment
- Assesses and records damages with other disaster team members
- Identifies storage space for priority recovery list items

First Aid Team Responsibilities:

- Administers first aid
- Records information about injuries
- Determines need for medical assistance
- Assures availability of necessary first aid supplies and equipment

Safety & Security Team Responsibilities:

- Secures the library building
- Cordons off the area with apparent structural damage or other danger
- Monitors entry

- Stations team members at the obvious facility access points to direct library staff rescues, first aid team, and Municipal Disaster Risk Reduction and Management Council (MDRRMC) · Coordinates with the VSU Electrician
- Identifies hazards (e.g., electrical)
- Provides information such as plans, utility, locations, alternative power sources
- With public safety officers, determines when the library building is safe for reentry
- Liaises with external authorities (e.g., fire and water)

Communications Team

Responsibilities:

- Manages incoming and outgoing messages
- Notifies relevant personnel
- Updates the current list of all library personnel and disaster team phone and mobile numbers

Documentation

Responsibilities:

- Photographs the damage to the library collections and contents, as well as damage to the building, if appropriate
- Provides accurate written records to the documents' dates, times, and people to have complete documentary records of the disaster

*****The contents for **Library Disaster Response Team Responsibilities** are from
 Granda, Y. C. (2016, May 19). *Disaster preparedness, response and recovery for paper-based collections [PowerPoint slides]*. Cebu City: ALBASA Inc.
 Halsted, D., Jasper, R., & Little, F. (2005). *Disaster Planning*. New York: Neal-Schuman Publishers.

Library Disaster Recovery Team Responsibilities

The Library Disaster Recovery Team consists of:

- Library Disaster Recovery Coordinator
- Library Recovery Team
- Guidance Counselor
- Office of Physical Plant
- Salvage Team

Library Disaster Recovery Coordinator Responsibilities:

- Is responsible for calling the members of the Disaster Recovery Team and works closely with the Head of Office of Physical Plant in acting as quickly as possible to assess the damage and direct cleanup operations
- Is responsible for maintaining inventories and records of disaster supplies and reordering, when necessary to maintain recommended stock levels
- Arranges for food and drink for workers
- Is responsible for communications, summary reports, evaluations, and follow-up assignments
- Keeps track of collection records generated during recovery operations
- Ensures that catalogues are maintained
- Prioritizes items to be salvaged (with reference to priority lists)
- Directs efforts of other team members
- Determines methods and procedures for salvage
- Establishes types of additional and/or external help required

Library Disaster Recovery Team Responsibilities:

In the event of a disaster affecting the collections, the first team member to arrive should immediately take charge until relieved by the Disaster Recovery Coordinator or the Salvage Team.

- Appoints a person to secure the perimeter from unauthorized personnel - Sets up a communications and command station - Assesses the scope of the salvage problem.
- Formulates a plan of action and determines immediate supply needs and action priorities. The salvage team will have the authority to appropriate supplies such as fans, trucks, etc., from all areas of the library.
- Delegates responsibilities
- Appoints a person to meet and direct arrivals of supplies and personnel
- Sets up teams with leaders to deal with books

Guidance Counselor Responsibilities:

- Assists the students and library staff to determine their specific needs in dealing with the immediate aftermath of a disaster
- Provides counseling services
- Provides immediate and accurate referrals to experts to help the students and staff with certain needs for continued assistance and treatment

Office of Physical Plant Responsibilities:

- Performs initial assessment of damage to library buildings and structures
- Contracts with construction companies for library building restoration
- Coordinates with the Safety and Security Team

Salvage TeamResponsibilities:

- Assesses the extent of the damage
- Assesses the type of materials involved
- Assesses the kind of damage (e.g., clear or dirty water, etc.)
- Records damage (using notes and camera) and coordinated with documentation
- Decides what equipment is needed and order it
- Prepares a workspace for processing damaged materials. The work surfaces should be either Formica or covered with clean polyethylene sheeting.

Disaster Bin Supplies

The Disaster Bin Supplies are assembled and maintained by each library. Note that some of these items will have a limited “shelf-life” and will have to be renewed and replaced.

These bins contain the following items:

| Survival Kit | Storage & Protection | Clothing |
|------------------------------|----------------------|----------------------------|
| Adhesive waterproof Tape | Trolleys | Aprons |
| Batteries (spare) | Blotting paper | Gloves |
| Candles | Plastic bags | Hard hats |
| First Aid Kit | Plastic crates | Masks |
| Flash light | Plastic sheeting | Overalls |
| Knife | Tarpaulin | Raincoats |
| Matches | Plastic Storage Box | Rubber boots |
| Scissors | Safety glasses | Sleeve Protectors |
| Ties (gardening twine) | | |
| Torches | | |
| Cleaning Equipment | Documentation | Communications |
| Big Plastic Basin | Ball pens | Cellphone |
| Brooms | Camera | Chalk |
| Dustpans | Clipboards | Large sheet of paper |
| Face masks | Marker pen | Walkie- talkies |
| Gloves | Parcel labels | Whistles |
| Mops (sponge type) | Pencils | |
| Paper towels | Pens | |
| Pails | Paper | |
| Sponge | Pins | |
| | Tags | |
| | Tape | |

Documenting the Damage – Collections, Physical Facilities, and Equipment

In documenting the library collections, physical facilities, and equipment, the survey must note the damaged and undamaged materials.

Collections

| Print and Non-Print Materials | Type of Damage | Action Taken | Contacted or Self-Performed | Estimated Cost/Insurance Coverage | Date Action Completed |
|-------------------------------|----------------|--------------|-----------------------------|-----------------------------------|-----------------------|
| General Reference Books | | | | | |
| Reference Books | | | | | |
| Filipiniana Collections | | | | | |
| Thesis and Dissertations | | | | | |
| Journals | | | | | |
| Magazines | | | | | |
| CD-ROMs | | | | | |
| VCD(s)/DVD(s) | | | | | |
| VHS Tapes | | | | | |
| Cassette Tapes | | | | | |

Contact person and phone number of contractual workers: _____

Physical Facilities and Equipment

| Library Equipment/Furniture | Type of Damage | Serial # | Repair or Replace | Estimated Cost/Insurance Coverage | Date Action Completed |
|-----------------------------|----------------|----------|-------------------|-----------------------------------|-----------------------|
| | | | | | |

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

| | | | | | |
|-------------------------|--|--|--|--|--|
| Book Shelves | | | | | |
| Cabinets | | | | | |
| Chairs | | | | | |
| Computers | | | | | |
| Counter for Circulation | | | | | |
| Printer | | | | | |
| Sala/Sofa Set | | | | | |
| Tables | | | | | |
| Telephone | | | | | |
| TV | | | | | |
| VCD/DVD player | | | | | |

Indicate the damaged areas on the library floor plan.

List of contractors and contact information for repair of the library equipment:

ANNEX E. Fire, Earthquake, Mass Casualty Incident, and Terror Attack Drill Evaluation Form

ANNEX F. Guidelines for the Emergency Operations Center



VISAYAS
STATE UNIVERSITY

CRISIS MANAGEMENT COMMITTEE

Visayas State University
Visca Baybay City, Leyte, PHILIPPINES
Website: www.vsu.edu.ph

1.2 First Aid/Medical Plan

Outline the first aid and health services in attendance at the event including numbers and types.
Outline the response to a first aid or medical emergency.

| | |
|---|--|
| Health Services (e.g. Screening, Thermal Scanning, No face shield & facemask No Entry) | |
| First aid/Medical emergency response (e.g. Ambulance on standby) | |

Please indicate on your site plan locations of first aid stations or equipment.

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.



CRISIS MANAGEMENT COMMITTEE
 Visayas State University
 Visca Baybay City, Leyte, PHILIPPINES
 Website: www.vsu.edu.ph

1.3 Site Plan (Please include a plan of your event site including entry and exit points, first aid stations, and other relevant items).

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.



VISAYAS
STATE UNIVERSITY

CRISIS MANAGEMENT COMMITTEE

Visayas State University
Visca Baybay City, Leyte, PHILIPPINES
Website: www.vsu.edu.ph

2.0 ROLES AND RESPONSIBILITIES

2.1 Incident Management Team

2.1.1 Pre-emergency Phase

- Conduct collaborative planning projects for hazard identification, risk assessment and vulnerability analysis as well the conditions and circumstances under which those risks might become potential threat to the University operations if not carefully managed;
- Institute measures to prevent/minimize accidents and/or cushion the impact of accidents or disasters;
- Formulate Incident management plans for each emergency situation, specifying the course of action to be taken in case of emergencies like the following:
 - Fire
 - Earthquake
 - Bomb Threat
 - Active Shooters/Terrorist Attack
 - Hostage Taking
 - Flash Flood
- Organize Emergency Response Teams to handle specific emergency situation like fire, earthquake, bomb threat, active shooters, hostage taking, flash flood, etc.;
- Conduct periodic drills, training and exercises for the enhancement of response capabilities.

2.1.2 Emergency Phase

- Assess the situation and choose the appropriate response and employ the Disaster Control Groups;
- Update information on calamity and/or disaster through bulletins, advisories, and forecasts from agencies concerned;
- Undertake immediate measures to prevent loss of life or serious property damage and allow for flexibility in implementing the plan;
- Document every action taken during the response that will provide a record of appropriate implementation of the plan and assist in the survey and assessment of damages including injuries, casualties, etc.

2.1.3 Post-emergency Phase

- Estimate the impact or damages on the University facilities, number of employees and students affected, duration of work and class stoppages, etc.;
- Assist in the rehabilitation of the victims/facilities;

2.2 Incident Commander

- 2.2.1 Assigned as the Commander of the Incident Management Team, the Incident Commander must assume extra responsibilities. A decision should be made whether these responsibilities are shared all the time or taken in turn (in some jurisdictions, the method of chairing meetings is legislated).

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.



VISAYAS
STATE UNIVERSITY

CRISIS MANAGEMENT COMMITTEE

Visayas State University
Visca Baybay City, Leyte, PHILIPPINES
Website: www.vsu.edu.ph

2.2.2 Specific Incident Commander duties may include:

- Scheduling meetings, notifying members
- Preparing an agenda
- Presiding over meeting
- Ensuring that the Team carries out its function

2.2.3 The Incident Commander, with the help of the Safety Officer, shall be responsible for recommending if it is safe for all to return back inside the building after an emergency condition has been verified to be under control.

2.3 Planning Section Chief

2.3.1 The Planning Section Chief is responsible for assisting the Incident Commander with the management of all academic and non-academic units.

2.3.2 Gather, analyze, and disseminate information and intelligence.

2.3.3 Maintain accountability for University personnel and account for personnel involved in or affected by a campus emergency.

2.3.4 Develop an Incident Action Plan.

2.4 Safety Officer

2.4.1 The Safety Officer is the overall in charge of the School's Safety and Security and the implementation of the Emergency Preparedness Plan.

2.4.2 The Safety Officer, with the help of the Incident Management Team, shall be responsible for rallying the Security department and all other support departments into action in the event of an emergency.

2.4.3 Identifies and evaluates safety and health hazards that may impact both the response workers and the public and designates exclusion zone boundaries.

2.4.4 Determines levels of personal protective equipment required

2.4.5 Provides and/or coordinates health and safety training and regular safety briefings.

2.4.6 The Maintenance and Fire Safety Brigade Team Leaders will report to the Safety Officer.

2.5 Finance/Admin Section Chief

2.5.1 The Finance/Admin Section Chief supervises the Time, Procurement, Compensation/Claims, and Cost Units, and is responsible for all financial and cost analysis aspects of the incident.

2.5.2 The Relief Team Leader will report to the Finance/Admin Section Chief.

2.6 Liaison Officer

2.6.1 The Liaison Officer provides critical coordination and support to emergency preparedness and response.

2.6.2 Coordinates activities of the Incident Management Team with local officials.

2.6.3 Maintains a log of all contacts made with regulatory/government agencies and identifies representatives from each agency, including communication links and locations.

2.7 Public Information Officer

2.7.1 The Public Information Officer makes sure that when a significant emergency occurs, he or she provides accurate and timely information to the media and Emergency Authorities so that the public remains informed about

Vision: A globally competitive university for science, technology, and environmental conservation.

Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.



VISAYAS
STATE UNIVERSITY

CRISIS MANAGEMENT COMMITTEE

Visayas State University
Visca Baybay City, Leyte, PHILIPPINES
Website: www.vsu.edu.ph

the scope and nature of the situation.

2.7.2 The Public Information Officer serves as the primary spokesperson for the Incident Management Team during incidents.

2.7.3 The Communication Team Leader will report to the Public Information Officer.

2.8 Logistics Section Chief

2.8.1 The Logistics Section Chief is responsible for obtaining and delivering resources requested by the Incident Management Team, as well as providing all service and support functions for the incident.

2.8.2 Responsible for announcing evacuation and the emergency response procedure through the use of public address system. If the public address system is disabled, he will use a Megaphone or other portable means.

2.8.3 The Site Security and Transportation Team Leaders will report to the Logistics Section Chief.

2.9 Operations Section Chief

2.9.1 The Operations Section Chief is responsible for the management of all operations and activities directly applicable to the primary mission of the Incident Management Team.

2.9.2 The Evacuation, Search & Rescue, First Aid Medical Team Leaders and the Building Marshals & Assistants will report to the Operations Section Chief.

2.10 Building Marshals

2.10.1 Responsible for the immediate implementation of evacuation procedures upon the announcement of the evacuation.

2.10.2 Encourage all to remain calm and manage an orderly evacuation, avoiding the possibility of a stampede. They must maintain composure but firm in implementing the 5 evacuation rules to the evacuees – Don't talk! Don't push! Don't run! Don't turn back! Walk fast!

2.10.3 Be visible in the scope of their respective section / area and lead employees and students out through pre-determined safe exits towards the corresponding evacuation assembly areas.

2.10.4 Instruct evacuees to stash their valuables in their hand carry bag and bring it with them. Leave all other items/belongings behind. Ask ladies to remove their high heel shoes.

2.10.5 Maintain order at the evacuation assembly area and check for injured persons and call for First Aid to care for them.

2.11 First Aid Medical Team

2.11.1 The First Aid Medical Team is responsible for ensuring that first aid supplies are available and that first and triage is rendered during an emergency.

2.11.2 Manage any and all medical situations depending on the severity.

2.11.3 Activate the ambulance when it is necessary.

2.11.4 The First Aid Medical Team Leader shall be responsible for providing an on-going status report to the Safety Officer.

Vision: A globally competitive university for science, technology, and environmental conservation.

Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.



VISAYAS
STATE UNIVERSITY

CRISIS MANAGEMENT COMMITTEE

Visayas State University
Visca Baybay City, Leyte, PHILIPPINES
Website: www.vsu.edu.ph

2.12 Site Security Team

- 2.12.1 The Site Security Team is responsible for the security of the school site and its population during an emergency.
- 2.12.2 Ensure that exit/passage way is free of blockage.
- 2.12.3 Will ensure that no one shall use their car to evacuate so as not to block the passageways.
- 2.12.4 Responsible for the inspection of the entire facility to check for safety following an emergency incident.
- 2.12.5 Undertake safety and security inspections regularly and provide copy of report to the Safety Officer.
- 2.12.6 The Head Guard shall be responsible for providing an on-going status report to the Site Security Team Leader.

2.13 Search and Rescue Team

- 2.13.1 The Search and Rescue Team is responsible for preparing and performing search and rescue operations during an emergency.

2.14 Fire Safety/Brigade Team

- 2.14.1 The Fire Safety/Brigade Team is responsible for extinguishing fires and evaluating the potential release of chemicals during an emergency.
- 2.14.2 Responsible for evaluating the damages to school property in an emergency.
- 2.14.3 This team will coordinate with Operations.

2.15 Evacuation Team

- 2.15.1 The Evacuation Team is responsible for the safe evacuation and accounting of all students and staff during an emergency.
- 2.15.2 Responsible for reporting missing persons to the Operations.
- 2.15.3 Will relay reports of missing students to the Search and Rescue Team.

2.16 Maintenance Team

- 2.16.1 The Maintenance Team is responsible for operating and modifying building systems and utilities.
- 2.16.2 Advising the Control Group of facility limitations and vulnerabilities.
- 2.16.3 Securing floor plans of facility.

2.17 Communication Team

- 2.17.1 The Communication Team is responsible for preparing information releases to the media.
- 2.17.2 Contacting and coordinating municipality and other agencies.
- 2.17.3 Informing parents, spouses and other pertinent family members of the emergency.

2.18 Transportation Team

- 2.18.1 The Transportation Team is responsible for providing Ambulance and transportation services during an emergency.

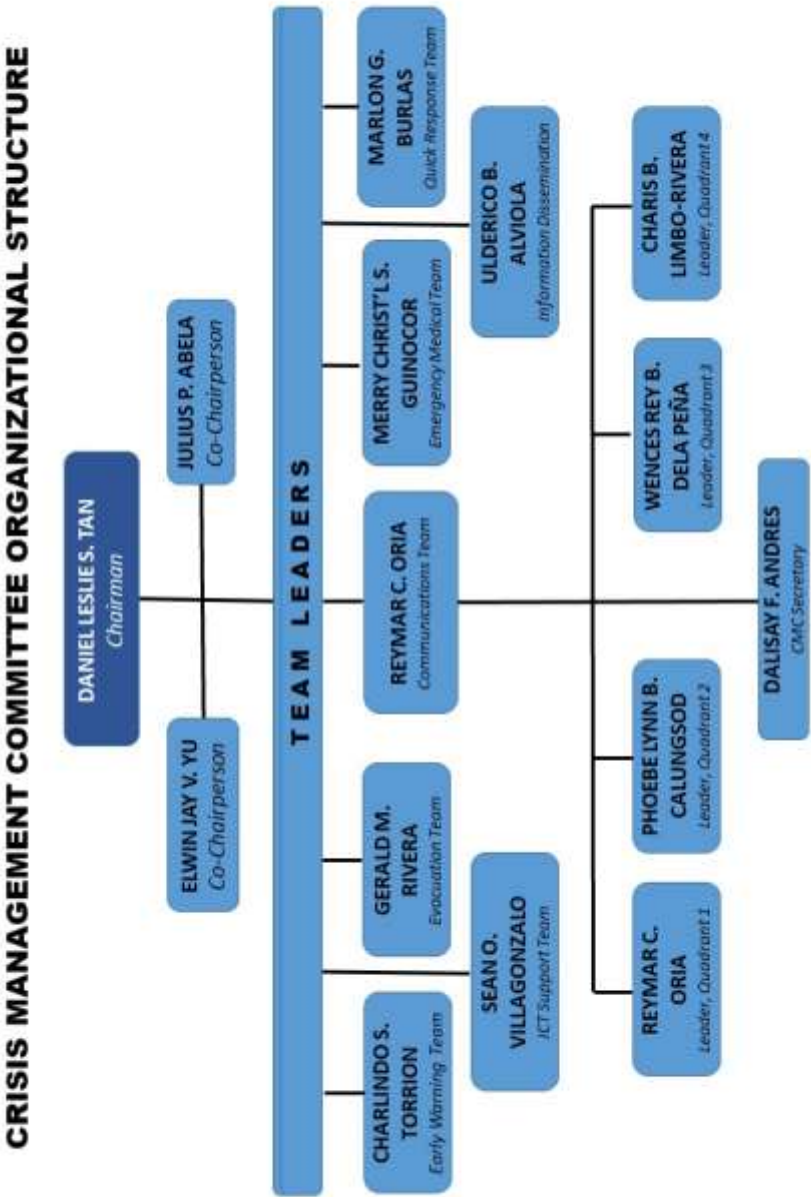
2.19 Relief Team

- 2.19.1 The Relief Team is responsible for providing essential, appropriate and timely relief services after an emergency/disaster.

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

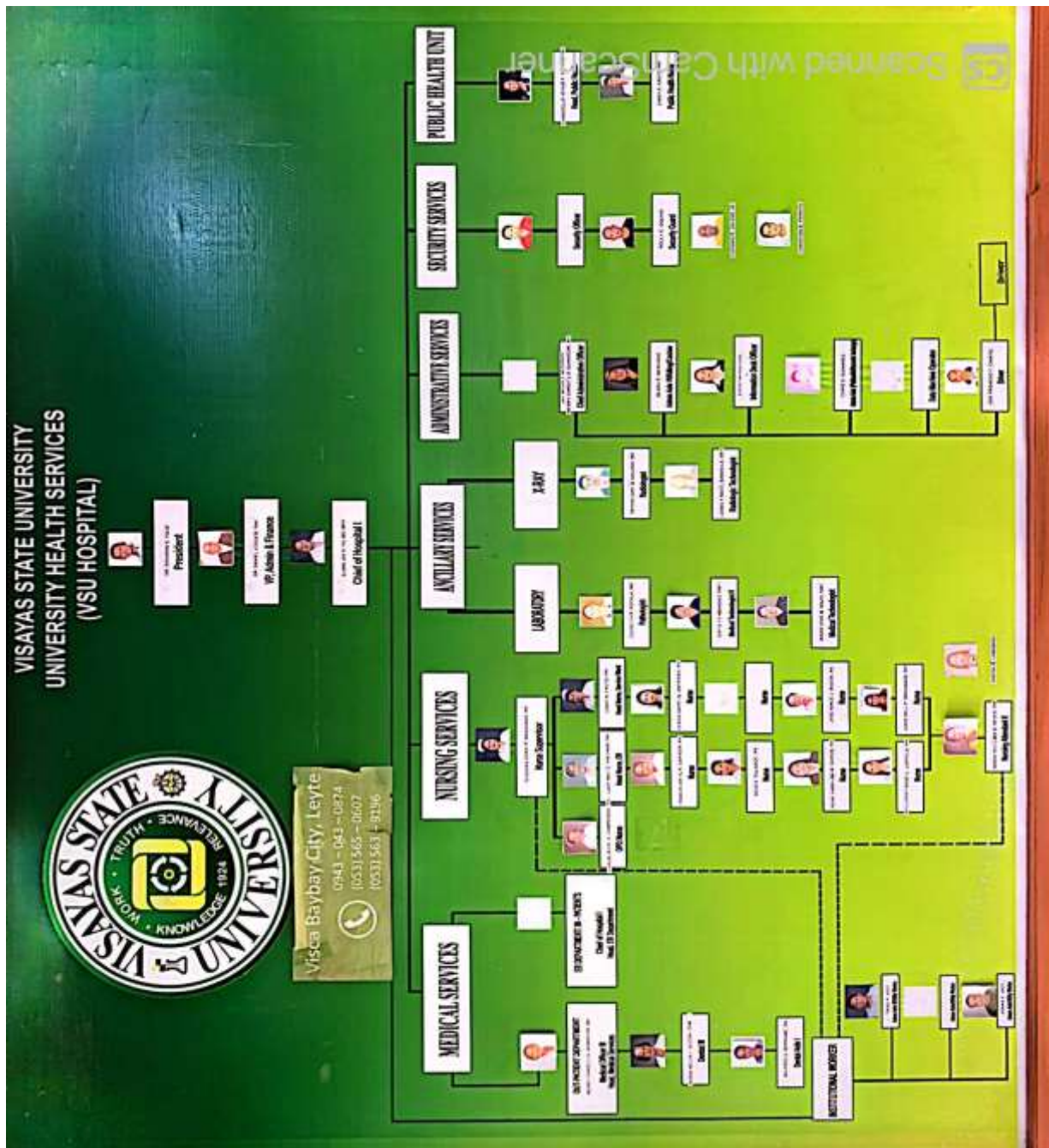
ANNEX G. Composition and Structure of Crisis Management Committee



Vision: A globally competitive university for science, technology, and environmental conservation.

Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

ANNEX H. Composition and Structure of University Services for Health, Emergency, and Rescue



Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

ANNEX I. Workshop Pictures

Vision: A globally competitive university for science, technology, and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

ANNEX J. University Emergency Contact Numbers

| Emergency Contacts | Mobile | Phone | Email |
|--|--|---------------------|--------------------|
| Baybay Emergency Rescue Unit (BERU) | +63 915 357 7065 / +63 939 394 0331 | | emsberu@gmail.com |
| Fire Department – BFP | +63 926 906 2082 / +63 938 249 5410 | | |
| UDRRM Guard Post 1 | +63 935 414 7330 | 565-0600 local 1111 | |
| Baybay City Police – PNP | +63 949 859 7008 / +63 905 295 7018 | | |
| Hospital Emergency – USHER/ VSU Hospital | +63 943 043 0874 | 565-0600 local 1047 | usher@vsu.edu.ph |
| LEYECO | +63 969 507 7745 | 563-8931 | leyecoiv@yahoo.com |
| Animal Bite Center – Baybay ICH | Schedule: Tuesday and Friday 8:00 am to 12:00 noon | | |
| Animal Bite Center – CHO Baybay | Schedule: Monday and Thursday | | |