Republic of the Philippines
Province of Nueva Vizcaya
Municipality of Bayombong

MUNICIPAL DISASTER RISK REDUCTION MANAGEMENT OFFICE

Municipal Hall, National Road corner Sgt. LB Perez St., Don Mariano Marcos, Bayombong, Nueva Vizcaya
Contact No.: 0906 631 4237 email: 2022mayorsoffice@gmail.com

November 06, 2025

HANSON T. VILLANUEVA
SMU
BAYOMBONG, NUEVA VIZCAYA

Dear Sirs and Mesdames,

Warm greetings!

In view of the latest forecast and advisories from PAGASA regarding **Tropical Depression "UWAN"**, which is within the Philippine Area of Responsibility by November 07, 2025, it is likely to move towards Northern Luzon and is possible to hit our region.

In connection to this, we are convening a Pre-Disaster Risk Assessment (PDRA) Meeting to discuss preparedness measures, resource readiness, and response protocols re: Tropical Depression "Uwan", scheduled on this day, November 07, 2025, later at 09:00 AM to be conducted at the 3rd floor Koko Pimentel Building, LGU-Bayombong.

Your presence in the said activity is much appreciated.

Thank you and God bless!

Respectfully yours,

JENKINS C. AMPAT
LDRRMO III

Noted by:

HON. ANTONIO SERGIO G. BAGASAO
Municipal Mayor/ MDRRMC Chairman

For Mr. Hanson Villanueva – or representative

NOV 07 2025

RECEIVED
Date: NOV 07 2025
Office of the University President
Saint Mary's University
Bayombong, Nueva Vizcaya

* Permanent rep: Mr. Hanson Villanueva
Alternates: Mr. Domingo Guntalilib
Jojo Macabori

* Forwarded to Sir Hanson via messenger 11/7

Scanned with CamScanner

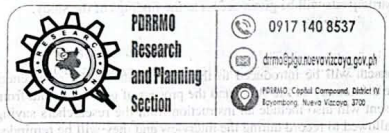
INVITATION TO ANNUAL FORUM ON CLIMATE-RESILIENT AGRICULTURE AND CLIMATE INFORMATION

Provincial Disaster Risk Reduction Management Office NOV 17, 2025, 4:45 PM
(drrmo@plgu.nuevavizcaya.gov.ph)

Good morning Sir/Ma'am:

Forwarding herewith the above-mentioned file.
For your information. Please let me know you've received it.

Thank you and stay safe.



Additionally,

Kindly note that food and meal expenses are only covered for the specified event.

RECEIVED
Date: NOV 18 2025
Office of the University President
Saint Mary's University
Bayombong, Nueva Vizcaya

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REPUBLIC OF THE PHILIPPINES
CAGAYAN VALLEY DISASTER RISK REDUCTION AND MANAGEMENT COUNCIL
Dalan na Pavvurutun Di Dalan na Paopabalo, Regional Government Center, Carig Sur, Tuguegarao City

MEMORANDUM
No. 148 series 2025

TO	:	CHAIRPERSONS, PROVINCIAL DISASTER RISK REDUCTION AND MANAGEMENT COUNCILS (PDRRMCs) OF BATANES, CAGAYAN, ISABELA, QUIRINO AND NUEVA VIZCAYA;
FROM	:	DIR. LEON DG RAFAEL JR. Chairperson, CVDRRMC
SUBJECT	:	INVITATION TO THE ANNUAL FORUM ON CLIMATE-RESILIENT AGRICULTURE AND CLIMATE INFORMATION
DATE	:	14 NOVEMBER 2025

1. This is in reference to the invitation of PAGASA CLIMPS regarding the Annual Forum on Climate-Resilient Agriculture and Climate Information Services 2025, A copy of the Concept Note and Agenda is hereto attached.

2. Anent this, may we respectfully invite participants from the five (5) Provincial Disaster Risk Reduction and Management Councils (PDRRMCs) of Region 2 to attend the said activity on 24 - 26 November 2025 at Alabang, Muntinlupa City.

3. Participants shall register through this link: https://bit.ly/GCF-APA_AnnualForum on or before 17 November 2025.

4. For queries about the activity, you may directly coordinate with DOST-PAGASA CLIMPS at telephone number: (02) 8284 0800 local 4920 or 4921, or through email atpagasa.climps@gmail.com. You may also contact PAGASA Northern Luzon Services Division at Mobile Number: 0966 325 5672.

5. For Information and Guidance.

RAFAEL

RECEIVED
PDRRMO
Received by: MANOY
Date: 11-17-25 Time:
Reference #: 11-130

SERVING THE NATION, PROTECTING THE PEOPLE
Tel/fax Nos: (078) 304-1630 /395-9828 E-mail Address: ocdrc2@gmail.com / region2@ocd.gov.ph
Facebook: Civil Defense Cagayan Valley
Website: www.ocd.gov.ph; www.ndrrmc.gov.ph

BAGONG PILIPINAS

Republic of the Philippines
OFFICE OF THE PROVINCIAL GOVERNOR
Bayombong, Nueva Vizcaya
-ooo-

NUEVA VIZCAYA PDRRMC Active

RELEASED
RELEASED BY
DATE/TIME: 12-13-24 9:57
REFERENCE #: 12-07

Email: pdrrmo@nuevavizcaya.gov.ph

PROVINCIAL DISASTER RISK REDUCTION AND MANAGEMENT OFFICE

NOTICE OF MEETING

FOR:

Vice Governor
Chair, SP Committee on Climate Change and Disaster Risk Reduction
Chair, SP Committee on Environment
Chair, Committee on Public Health and Social Welfare
Chair, SP Committee on Public Safety and Peace and Order
Provincial DRRM Officer
Provincial SWD Officer
Provincial Director, DILG
District Engineer, DPWH 1st DEO
District Engineer, DPWH 2nd DEO
Provincial Engineer
Provincial Treasurer
Provincial Agriculturist
Provincial Veterinarian
Provincial General Services Officer
Provincial Health Officer
Provincial Budget Officer
Provincial ENR Officer
Provincial Planning and Development Coordinator
Provincial ITD Chief
DENR - PENRO
Provincial Director, DTI
Schools Division Superintendent, DepED
Commanding Officer, 502 IB Phil Army
DSWD-SWAD
Provincial Officer, PROCEDE
GAD Focal Person
Commanding Officer, ARESCOM
Provincial Director, NVPPO
Provincial Director, BFP
Provincial Director, TESDA
Provincial Manager, NFA
Provincial Manager, NIA
General Manager, NUVELCO
Provincial Director, DOST
President, LNB Provincial Federation
President, League of Municipalities
Administrator, PRC – NV Chapter
Provincial Chief, PSA
Head, Independent Kabalikat Civicom
Head, DeltaCom Nueva Vizcaya
Head, Pugad Lawin Philippines, Inc. NV
Executive Director, FRENDS
Chief, PAIAD
President, Saint Mary's University
President, NVSU
President, PLT College
President, King's College
President, Aldersgate College
Chief, PAGASA NV
President, PPSK
Chief, Provincial DOH Office
Provincial Officer, DICT
Provincial Manager, PIA
Provincial Administrator

SUBJECT: 4th Quarter NVDRRM Council Regular Meeting

DATE: December 6, 2024

1. The Nueva Vizcaya Disaster Risk Reduction and Management Council (NVDRRMC) will conduct its 4th Quarter Regular Meeting on December 20, 2024, 1:30 P.M at the Highlander Resort. Solano, Nueva Vizcaya.

2. The agenda folder shall be uploaded a day before the meeting and may be accessed through this link: https://tinyurl.com/4thCouncil2024 or you may scan:

RECEIVED
Date: DEC 16 2024
Signature:
Office of the President
SMU – Bayombong, NV

Republic of the Philippines
PROVINCE OF NUEVA VIZCAYA
-oOo-
NUEVA VIZCAYA WATERSHED MANAGEMENT COMMITTEE (NVWMC)

Capitol Compound, Bayombong, Nueva Vizcaya
Email Address: nvwmc2019@gmail.com

VISION: "A WATERSHED HAVEN where spiritually, socially, politically, and culturally and economically empowered people are living in peace and prosperity"

MISSION: "To effect and implement a collaborative governance and management system for Nueva Vizcaya watersheds towards the sustainability of its ecosystem and the benefits it provides to the communities and stakeholders within its bounds".

***The Provincial Local Government Unit - Nueva Vizcaya Watershed Management Committee Operations and Coordination Office** is tasked to "Provide coordination and linkage functions for all NVWMC members and its partners and coordinate the implementation of programs and project for watershed conservation, management, and development.*

SERVICES OFFERED

Data/ Information and or Lecture/Training on:

1.Watershed Characterization, Vulnerability Assessment (VA) and Preparation of Integrated Watershed Management Plan (IWMP);
2. Environmental Impact Study (EIS)
3. Watershed Data and Thematic Maps;
4.Technology Information in Plantation Development and Management;
5. Soils and Plant Nutrition;
6. Nursery and Plantation Pest and Diseases Control;
7. Seed Technology (germination, seed collection calendar);
8. Plant Propagation (with emphasis on macro-somatic clonal propagation)

contact us:
e-mail address:
nvwmc2019@gmail.com
contact number:
0917-102-8961
0965-790-3620

February 20, 2024

OG-057-2024
NVWMC-OCU
RELEASED
DATE 2-23-2024
BY Lhen

DR. JOHN OCTAVIOUS S. PALINA
President
Saint Mary's University
Don Mariano Marcos, Bayombong, Nueva Vizcaya

Dear Sir,

Environmental greetings!

The Nueva Vizcaya Watershed Management Committee (NVWMC) Secretariat are currently updating the NVWMC directories in the preparation and arranging activities for the committee. It requires the name of the agency/institution's head of office, contact details, permanent and alternate representatives to participate in various NVWMC activities and have the authority to make decision on behalf of the agency/institution.

In this regard, may we request your good office to **update your contact information** based on the required information on the sheet attached herewith.

Kindly send your response on or before March 9, 2024, through our email *nvwmc2019@gmail.com* or group chat the NV Watershed Management Committee.

We appreciate your continued support and cooperation.

Respectfully yours,

FOR. HENRY P. PATRICIO
Head Secretariat, NVWMC

ok; pls. update form then submit (c/o Iya). Ty, Sir

RECEIVED
Date: FEB 23 2024
Signature:
Office of the President
SMU – Bayombong, NV

* Permanent rep: Dr. Allen Mayguis
Alternate rep: Dr. Elsa Cajucom

26 FEB 202

* ok - 2/27

PLGU-PENARO and SMU-CNS Environmental Stewardship Collaboration

Pursuant to Ordinance No. 2013-084: An Ordinance locally adopting Republic Act No. 9512 otherwise known as the Environmental Awareness and Education Act of 2008 Declaring the month of November of each year as Environmental Awareness Month, the Provincial Local Government Unit of Nueva Vizcaya through the Provincial Environmental Awareness and Education Team (PEAE) with its lead offices, the Provincial Environment and Natural Resources Office in cooperation with the Department of Education Schools Division of Nueva Vizcaya - Youth Formation Unit conducted contested activities involving the public and private secondary schools in the province with the theme "*Balon ng Buhay: Pahalagahan, Pagbabago ng Klima, Ating Tugunan."*

Dr. Elsa L. Cajucom, the elected Chairperson of PEAET TWG and the team members organized the contested activities of this year's Environmental Awareness cum YES-O Month! (1) Sayawit para sa Kalikasan, (2) tiktoKalikasan, and (3) Pasiklaban ng mga Proyektong MakaKalikasan. PEAET thru the full support of PENARO under the headship of For. Tito Tanguilig proposed a PhP 500, 000.00 for the cash incentives of winners and consolation prizes to the non-winners. The budget was approved and been granted by the Office of the Governor Jing V. Gambito. The culmination program was conducted on November 30, 2023, at the NV Convention Center, Capitol, Bayombong, Nueva Vizcaya.







Culminating Activity

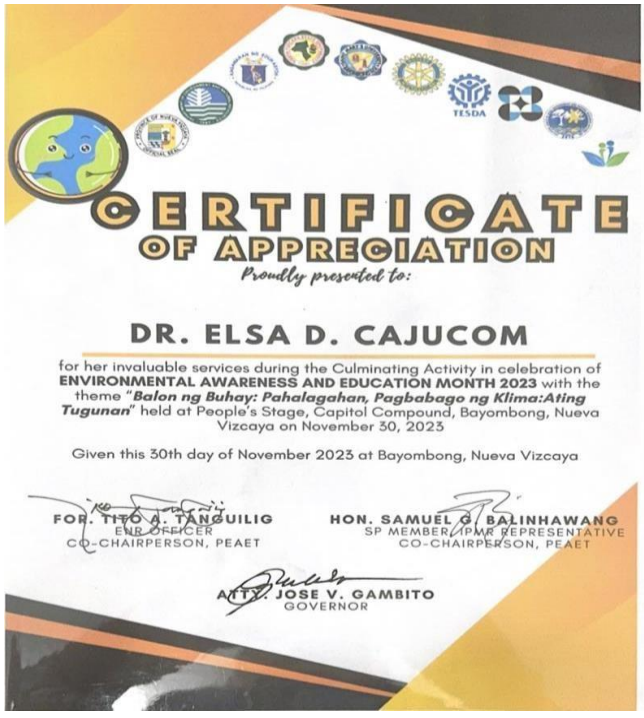
IN CELEBRATION OF
ENVIRONMENTAL AWARENESS & EDUCATION MONTH 2023
PEOPLE'S HALL, CAPITOL COMPOUND, BAYOMBONG, NUEVA VIZCAYA

PART 1

TIME	ACTIVITY	
8:00- 8:30 AM	Arrival & Registration of Participants	
8:30- 12: 00 NN	Tiktokalikasan Presenter 1-15 (Junior High School) Presenter 1-15 (Senior High School)	**VENUE** : Paniqui Hall, Main Building, Capitol Compound
	Pasiklaban: Proyektong Maka-Kalikasan Presenter 1-5	**VENUE :** Provincial Treasury Conference Hall, Main Building, Capitol Compound
12:00 NN-1:00 PM	**LUNCH BREAK**	

PART 2

1:00 – 2:00 PM	Invocation	**Lito A. Calub, RPF**
	National Anthem	**Genita P. Dulnuan, RPF**
	Acknowledgement of Participants	**Tracy Ann A. Martin, RPF**
	Welcome Message	**Hon. Samuel G. Balinhawang** SP Member/ IPMR Representative
	Inspirational Message	**Atty. Jose V. Gambito** Governor
		Mr. Orlando E. Manuel, PhD., CESO V Deped Superintendent
		Mr. Nelson P. Honrado, LLB Regional Director, EMB-DENR R02
2:00 – 2:15 PM	Presentation of Judges Tiktokalikasan Pasiklaban: Proyektong Makakalikasan Sayawit	**Vibian M. Arzadon, EnP** PENARO Secretariat
2:15- 3:00 PM	Presentation of Criteria for Judging Sayawit para sa Kalikasan Presenter 1-10	**Dr. Elsa D. Cajucom** PEAET TWG Chairman
3:00 – 4:00 PM	Awarding of Certificates Closing Remarks	**Tito A. Tanguilig, RPF** ENR Officer



CERTIFICATE OF APPRECIATION

Proudly presented to:

DR. ELSA D. CAJUCOM

for her invaluable services during the Culminating Activity in celebration of **ENVIRONMENTAL AWARENESS AND EDUCATION MONTH 2023** with the theme "***Balon ng Buhay: Pahalagahan, Pagbabago ng Klima:Ating Tugunan***" held at People's Stage, Capitol Compound, Bayombong, Nueva Vizcaya on November 30, 2023

Given this 30th day of November 2023 at Bayombong, Nueva Vizcaya

FOR. TITO A. TANGUILIG
ENR OFFICER
CO-CHAIRPERSON, PEAET

HON. SAMUEL G. BALINHAWANG
SP MEMBER/ IPMR REPRESENTATIVE
CO-CHAIRPERSON, PEAET

ATTY. JOSE V. GAMBITO
GOVERNOR

CERTIFICATE
OF APPRECIATION

is proudly presented to

SAINT MARY'S UNIVERSITY

in recognition of your unwavering commitment and active participation in the **SEARCH FOR MAKAKALIKASANG BARANGAY 2025** in celebration of **ENVIRONMENTAL AWARENESS AND EDUCATION MONTH 2025** with the theme: *"Kalikasan ay Buhay, ating Mahalin; Hamon ng Klima, Sama-samang Harapin"*

Your dedication and efforts in promoting environmental stewardship and sustainable SWM practices and innovations exemplify commitment to protect our natural resources and building a greener province.

Given this 4th day of December 2025 at Carlos M. Padilla, Convention Center, Bayombong, Nueva Vizcaya

ARLENE S. TARRANCO, RPF
Acting ENR Officer
Co-chairperson, PEAET

HON. CASTILLO B. TIDANG, JR.
Chairman on Environmental Protection
Natural Resources and Climate Change
Co-chairperson, PEAET

ATTY. JOSE V. GAMBITO
Governor

MEMORANDUM OF AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

This Memorandum of Agreement entered into and executed between:

The **PROVINCIAL GOVERNMENT OF NUEVA VIZCAYA**, a local government entity, with principal office address at Provincial Capitol Compound, Bayombong Nueva Vizcaya, Philippines, represented herein by the Honorable **Governor ATTY. JOSE V. GAMBITO,** herein referred to as **PLGU NUEVA VIZCAYA;**

-and-

SAINT MARY'S UNIVERSITY OF BAYOMBONG, with business and postal address at Ponce St., Bayombong, Nueva Vizcaya, a duly recognized institution by the Commission on Higher Education (CHED), represented by its President, **Dr. JOHN OCTAVIOUS S. PALINA** to be referred to as "**SMU".**

Each entity may hereinafter be referred to individually as a 'Party' and collectively as the 'Parties'."

-WITNESSETH-

WHEREAS, the establishment of a Vernacular Ecological Station (VES) as part of the Climate Change initiatives of SMU under Project WEALTH 2.0 underscores the vital role of indigenous communities in environmental protection by integrating their traditional knowledge, systems, and practices into sustainable conservation efforts.

WHEREAS, the VES to be established can become a learning resource and a venue to showcase innovativeness in environmental governance as it recognizes and promotes the ingenuity of the indigenous communities in Nueva Vizcaya towards environmental sustainability.

WHEREAS, the Provincial Local Government of Nueva Vizcaya (PLGU Nueva Vizcaya) recognizes the imperative of providing financial support to effectively advance its agenda on Forest Conservation and Development, ensuring the sustainable management and protection of the province's natural resources.

WHEREAS, PLGU Nueva Vizcaya and SMU agree that it is necessary to enter into a Memorandum of Agreement which defines areas of cooperation and commitment of each party in carrying out the VES project.

NOW, THEREFORE, in consideration of the aforementioned premises and the mutual covenant hereafter set forth, the parties to this agreement have agreed as follows:

ARTICLE 1 SCOPE OF AGREEMENT

This agreement provides the implementation of the establishment of VES as part of the SMU Climate Change Research and Development Program.

CLEARED
OFFICE OF THE LEGAL COUNSEL
SEP 05 2025

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ARTICLE 2 RESPONSIBILITIES OF THE PARTIES

A. SMU will, within the approved framework of CHED-approved terms of reference and guidelines on implementing the said research program:

1. Receive and utilize the fund from PLGU Nueva Vizcaya based on the line items budget and work plan of the approved project proposal in accordance with auditing and accounting rules and regulations.
2. Ensure that the project shall be fully completed in accordance with the approved work plan and Term of Reference.
3. Submit to PLGU Nueva Vizcaya progress and annual report and audited financial statement indicating all project expenditure.
4. Submit a full technical report with findings and recommendations at the end of the project implementation.
5. Coordinate with the identified Municipal Local Government Unit and other relevant stakeholders the activities in setting up VES in their area.

B. The PLGU Nueva Vizcaya will:

1. Allocate and provide the necessary fund requirement and transfer the same to Saint Mary's University (SMU) the allotted budget for the project.
2. Conduct monitoring and project review to get update on the progress and accomplishments of the project.
3. Require progress and terminal reports from SMU reflecting accomplishments and expenditures incurred, with the financial liquidation documents duly audited in accordance with existing NGAA and other relevant COA regulations.
4. Provide policy support and facilitate collaboration among relevant government agencies, local government units, and other stakeholders to enhance the sustainability of the project.
5. Ensure the issuance of an Ordinance or Resolution by the Sangguniang Panlalawigan, granting the Governor authority to enter into this Memorandum of Agreement (MOA) on behalf of the PLGU of Nueva Vizcaya.

ARTICLE 3 CAPABILTY BUILDING

The Contracting Parties will jointly:

1. Conduct workshops on integrating indigenous environmental practices with modern sustainability approaches.
2. Offer training for faculty and students on conducting research in ecological conservation; and

CLEARED
OFFICE OF THE LEGAL COUNSEL
DATE: _____

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3. Provide training in policy advocacy and community engagement in environmental governance.

ARTICLE 4 COMMON PROVISIONS

1. The Parties confirm that neither Party shall disclose or distribute any confidential information that is supplied to the order Party in the course of conduct of co-operative activities under this Memorandum of Understanding to any third party except as and to the extent authorized in writing to do so by the other Party.

2. The parties shall ensure compliance with Republic Act No. 10173 (Data Privacy Act of 2012) in handling, storing, and processing confidential data obtained during the project implementation. No party shall disclose any sensitive information to third parties without prior written consent, except as required by law.

3. In case of any dispute, controversy, or claim arising out of or relating to this agreement, the parties shall endeavor to settle the matter amicably through negotiation. If unresolved, the dispute shall be referred to the courts of competent jurisdiction in Bayombong, Nueva Vizcaya, or subject to arbitration per Republic Act No. 9285 (Alternative Dispute Resolution Act of 2004).

4. All research findings, publications, and intellectual property produced under this agreement shall be jointly owned by SMU and PLGU Nueva Vizcaya, with SMU having the primary right to publication and utilization for academic and research purposes. Any commercialization of the research output shall require mutual consent.

5. Neither party shall be liable for failure to perform obligations due to unforeseen events beyond their reasonable control, including but not limited to natural disasters, war, pandemics, or government-imposed restrictions. In such cases, the affected party shall notify the other party in writing within fifteen (15) days.

ARTICLE 5 AMENDMENTS

This Memorandum of Agreement may be modified or amended as necessary, provided that any such modifications or amendments shall be made in writing with the mutual consent of both Parties. In such cases, a new MOA shall be executed or a Supplemental MOA shall be issued to formally incorporate the agreed-upon changes.

ARTICLE 6 VALIDITY

This Memorandum is valid for one (1) year starting from the date the parties have affixed the final signature below.

IN WITNESS WHEREOF, the Parties hereto have affixed their signatures on this ___ day of _____, 2025, at Bayombong, Nueva Vizcaya, Philippines.

CLEARED
OFFICE OF THE LEGAL COUNSEL
DATE: SEP 09 2025

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By: Provincial Local Government of Nueva Vizcaya

ATTY. JOSE V. GAMBITO
Governor
Valid ID: ORN -006 -0817-0124-9

Date signed: _____

By: Saint Mary's University

DR. JOHN OCTAVIOUS S. PALINA
University President
Valid ID: TIN: 106-651-097-000

Date signed: _____

WITNESSES:

ARLENE S. TARRANCO, RPF
Acting Environment and Natural Resources Officer

DR. ELSA L. CAJUCOM
Center for Natural Sciences
Director

DR. JOMAN J. BALITON
School of Health & Natural Sciences
Academic Dean

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ACKNOWLEDGEMENT

REPUBLIC OF THE PHILIPPINES)
PROVINCE OF NUEVA VIZCAYA) S.S
MUNICIPALITY OF BAYOMBONG)
X.....X

BEFORE ME, a Notary Public, this _____ day of 14 OCT 2025 2025 at the Province of Nueva Vizcaya personally appeared the above named persons known to me to be the same person who executed the foregoing instrument and acknowledge to me that the same is their voluntary act and deed.

This instrument consists of four (4) pages including this page where the acknowledgement is written.

WITNESS MY HAND AND NOTARIAL SEAL.

ATTY. ANDREW M. PALMA
Notary Public for the Province
of Nueva Vizcaya
Not. Com. No. 27-23 until 2025
Roll of Attorney's No. 62993
PTR No 2962144; 12-18-'24 for 2025
IBP Rec. No 484652; 12-18-'24 for 2025
MCLE No. VII-0011469; 04-14-'25

Doc. No. 598;
Page No. 81;
Book No. 14;
Series of 20 25;

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I. COMMITTEE ON DECORUM AND INVESTIGATION (CODI)

Composition:

The Vice President for Administration recommends to the University President the appointment of the chair and members of the Committee on Decorum and Investigation (CODI) based on the SMU Anti-sexual Harassment Policy and Implementing Guidelines.

Functions:

1. Receive and investigate complaints on sexual harassment following the prescribed procedure ;
2. submit a report of its findings and recommendations to the Committee on Arbitration;
3. lead in the discussions on sexual harassment in the university in order to prevent occurrence of sexual harassment; and
4. Other functions as specified in the SMU Anti-sexual Harassment Policy and Implementing Guidelines.

J. CAMPUS SAFETY AND DISASTER PREPAREDNESS COMMITTEE (CSDPC)

Composition:

Chairman: Vice President for Administration
Vice Chairman: Head, Safety and Pollution Control Officer

Members:

Dean of Student Affairs and Services
Academic Deans
Basic Education Principals
Director, HRDO
Director, PPPDMO
ADSAS for Men/Women
Department Head, Criminology
University Medical Teams
NSTP Coordinator
DRRM & Safety Coordinators
Head, Security Agency

General Services Supervisor
Adviser & President, Marian Emergency Response Team
Adviser, Senior High School Emergency Response Team
President, Student Central Council
ROTC Corps Commander

Functions:

1. Ensures that safety and security measures are in place in all buildings and facilities of the University at all times;
2. Makes the necessary plans and procedures for a pro-active, quick and effective response to any calamity, disaster or major emergency cases that may affect the University, employees and students;
3. Coordinates with other external agencies for disaster preparedness programs and activities for an effective and quick response to any calamity and disaster that may affect the University;
4. Conducts the necessary disaster-preparedness drills and activities that will ensure effective response to calamities and other emergencies;
5. Supervises emergency operations within the campuses and immediate vicinity during and after a calamity or disaster;
6. Regularly inspects and submits reports to the University President regarding the safety and security assurance of the University and immediately after every calamity or disaster.

K. PERSONNEL SELECTION, RANK AND TENURE COMMITTEE (PSRTC)

Composition:

Chairman: University President
Members:
Vice Presidents

FORM ON RESEARCH UTILIZATION PROJECT TEMPLATE

Lead Researcher: **Signature**

Elsa L. Cajucom _____
Collaborators:

David M. Gayadang _____
Michael S. Catacutan _____
Julieta A. Villanueva _____
Shiela G. Gilo _____

Research Title: Physicochemical Characterization and Heavy Metal Assessment of Soils in a Sanitary Landfill: Basis for Sustainable Remediation and Ecological Rehabilitation

Inclusive Date(s) of Utilization: June-January 2026
School: SHNS

Department: Center for Natural Sciences

Research Utilization (Project) Title:

SALUN-aTEM: **S**ustainable **A**ctions for **L**andfill **U**pgrading **N**urturing a **T**ransformative **E**co-landfill **M**anagement

Research Abstract

A sanitary landfill must be properly designed and managed to minimize environmental risks and protect surrounding ecosystems. Mismanagement can result in soil contamination, disrupted nutrient cycling, and long-term ecological degradation. This study assessed the physicochemical properties of soils from four landfill cells at the Bayombong Sanitary Landfill in Purok 7, Barangays Magsaysay and Busilac, Bayombong, Nueva Vizcaya, to support the development of a localized soil remediation and management plan. Soil samples were analyzed for pH, nitrogen, phosphorus, and heavy metal concentrations. Results showed slightly acidic soil conditions (pH 5.2 to 6.0), which may reduce nutrient availability and limit microbial activity. Nitrogen levels varied across cells, with Cell 1, which has been closed the longest, exhibiting the highest concentration (106.65 kilograms per hectare), likely due to vegetation growth and organic matter accumulation over time. Phosphorus values fluctuated, with Cell 3 falling below optimal fertility ranges. Heavy metals, including cadmium (11.26 to 15.66 micrograms per kilogram) and lead (0.42 to 0.99 milligrams per kilogram), remained below EPA hazardous thresholds, indicating limited industrial or toxic inputs. The clay loam soil structure of the landfill area likely contributed to the immobilization of heavy metals, reducing potential ecological and human health risks. The study concludes that although heavy metal contamination is minimal, nutrient imbalance and soil acidity require intervention. Recommended management strategies include compost-based soil enrichment, pH correction using agricultural lime, and ecological rehabilitation through native and nitrogen fixing plant species. Regular soil monitoring and community awareness programs are also advised to support sustainable landfill operations in accordance with national environmental standards.

Description of the Research Utilization Project (Scope)

Project SALUN-ATEM aims to disseminate the research findings and to craft a Sustainable Remediation Plan that outlines strategies such as containment, soil and groundwater treatment, and continuous environmental monitoring and shall be submitted to MENRO Bayombong.

Project Beneficiaries

The target beneficiaries of this remediation plan include local communities in Barangays Magsaysay and Busilac who will benefit from improved environmental conditions and reduced health risks; landfill management authorities specifically MENRO-Bayombong, who will enhance sustainable waste management practices; agricultural and environmental planners, who can apply the restoration techniques to improve land use; researchers and practitioners in bioremediation, who will gain insights into effective ecological restoration methods; public health officials, who will monitor and ensure the safety of food produce; and future generations, who will benefit from long-term environmental preservation. Additionally, regulatory bodies will benefit from the landfill's commitment to compliance and proactive contamination management.

Rationale

The increasing generation of waste presents significant environmental, economic, and social challenges, particularly through the harmful effects of landfill by-products on surrounding ecosystems and communities. While landfilling remains a common waste disposal method globally, it brings forth issues like leachate contamination, greenhouse gas emissions, and toxins, which impact both soil and groundwater. In the Philippines, the Ecological Solid Waste Management Act of 2000 mandates the construction of sanitary landfills, yet local government units struggle with limited availability that meets environmental and zoning requirements for the construction, operation and maintenance, lack of technical expertise and public opposition. The Bayombong Sanitary Landfill (BSL), which serves 27 barangays in the Cagayan Valley region, has been in operation since 2009. However, despite its critical role in waste management, comprehensive studies evaluating its environmental and social impact have yet to be conducted. This study focused on assessing the impact of leachate percolation on the groundwater and soil quality in Barangay Upper Magsaysay, Bayombong, Nueva Vizcaya. By analyzing groundwater, leachate, and soil samples for key chemical and physical properties, the study aimed to support local officials and urban planners in formulating effective waste management and health risk prevention strategies. The research also aligns with several Sustainable Development Goals (SDGs), specifically SDG 6 (clean water and sanitation), SDG 13 (addressing climate-related water quality changes), and SDG 11 (promoting sustainable urban development), fostering environmental protection and contributing to global sustainability efforts.

General and Specific Objectives

The study aimed to assess the environmental impact of pollutants, particularly heavy metals and organic compounds, on soils at the Sanitary Landfill Facility site in Bayombong, Nueva Vizcaya. The primary objectives were to characterize the physicochemical properties of soil from various landfill cells, with a focus on nutrient content, pH, and contamination levels. Specifically, the study sought to analyze the concentrations of lead and cadmium in the soil samples and evaluate the potential risks these contaminants pose to human health and the surrounding ecosystem. Additionally, the study

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aimed to develop a Sustainable Remediation Plan designed to mitigate soil contamination, enhance soil quality, and ensure the long-term environmental sustainability of the landfill site.

Expected Results

Consultation meetings with the beneficiaries and MENRO-Bayombong to discuss the inclusion of the proposed Sustainable Remediation Plan in the office's strategic plan

Strategic Activities

Activities	Workplan	Deliverables	Timeframe	Budget
Research Dissemination	Researchers present study findings to relevant officials and/or stakeholders	Research Findings	May 2025	c/o URC
Consultation with MENRO-Bayombong	Researchers invite/ set an appointment with the environmental management specialists	Draft of Sustainable Remediation Plan (SRP)	August 2025	Transportation
Crafting of the Sustainable Remediation Plan	Researchers meet to craft the Sustainable Remediation Plan Content Validation	SRP are subject to evaluation by experts (Environment Specialist, Chemical Engineer, language editor, etc.)	September-October 2025 January 2026	Snacks Honorarium (PhP 500.00 each)
Presentation of the Sustainable Remediation Plan to Local Officials	Researchers formally present the SRP to local government officials in Bayombong	Final SRP with inputs from local officials and potential endorsements	January 2026	Transportation Snacks Printing and Packaging Fees

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Narrative of Utilization

I. Dissemination of Findings

The Training on Research Methodologies for Policy Making, Management Case, and Innovation Research was successfully conducted on October 2–3, 2025 through the initiative of the Department of Science and Technology (DOST) Region II, in collaboration with the Cagayan Valley Health Research and Development Consortium (CVHRDC) and the Medical Colleges of Northern Philippines (MCNP). The activity aimed to strengthen participants' capacity to apply research methodologies in health policy development, case management, and innovation research.

The program formally commenced at 8:00 AM following the registration of participants. The opening ceremony featured the Prayer, National Anthem, DOST Hymn, and MCNP Hymn, setting a professional and solemn tone for the activity. The Acknowledgment of Participants was led by the moderator, followed by Welcome Remarks and inspirational messages from Mr. Christian R. Guzman, President of MCNP; Dr. Virginia G. Bilgera, Regional Director of DOST Region II and Chairperson of CVHRDC; and Dr. Julius T. Capili, Executive Director of CVHRDC. The speakers emphasized the crucial role of research in strengthening health systems, improving case management practices, and guiding evidence-based policy making.

During the group discussion sessions, Mr. David M. Gayadang shared the findings of the team's research on landfill management, highlighting how evidence-based data can inform policy decisions, environmental management strategies, and sustainable innovations. His participation underscored the practical application of the research methodologies discussed during the training, particularly in addressing real-world environmental and public health concerns, which were eventually applied in the crafting of the research team's Sustainable Remediation Plan.

II. Crafting of Sustainable Remediation Plan (SRP)

Building on the knowledge and methodological insights gained from the Training on Research Methodologies for Policy Making, Management Case, and Innovation Research, the research team subsequently undertook the crafting of the Sustainable Remediation Plan (SRP). The training strengthened the team's capacity to translate research evidence into policy-relevant and implementation-ready outputs designed to support local government decision-making.

The development of the SRP was facilitated by Dr. Cajucom through a series of structured group discussions. These sessions enabled the team to critically analyze the landfill research findings, identify priority environmental and public health concerns, and formulate sustainable remediation strategies grounded in established waste management laws and policies in the Philippines. The plan was anchored on key national frameworks, including Republic Act No. 9003 (Ecological Solid Waste Management Act of 2000), Republic Act No. 8749 (Philippine Clean Air Act), and Republic Act No. 9275 (Philippine Clean Water Act), ensuring regulatory compliance and alignment with national environmental standards.

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Ecological Risk Assessment (ERA) was also integrated as a core analytical basis of the SRP, allowing the team to systematically evaluate potential environmental and human health risks associated with landfill operations. The application of ERA supported evidence-based prioritization of remediation measures and informed the selection of appropriate, sustainable interventions suited to local conditions.

Through this collaborative and evidence-driven process, the Sustainable Remediation Plan was positioned as a practical and science-based tool to guide local government units (LGUs), particularly in strengthening landfill management practices, informing strategic planning, and enhancing environmental protection and public health safeguards.

III. Content Validation of the SRP

The Sustainable Remediation Plan (SRP) developed by the research team underwent a rigorous content validation process to ensure its scientific soundness, technical accuracy, regulatory alignment, and practical applicability. The validation was conducted by a panel of experts with extensive professional experience in engineering, environmental management, and safety and pollution control, thereby providing a multidisciplinary assessment of the plan.

One of the content validators is a registered Chemical Engineer and licensed Chemical Technician currently working at the Department of Science and Technology – Philippine Textile Research Institute (DOST–PTRI). The expert evaluated the technical components of the SRP, particularly the chemical processes, waste characterization, and proposed remediation strategies, ensuring that these were grounded in established engineering principles and aligned with national environmental standards.

Another validator is the Dean of the College of Forestry and Environmental Management from a state university. This expert assessed the ecological and environmental management aspects of the plan, including sustainability considerations, ecosystem protection, and the integration of Ecological Risk Assessment (ERA). The evaluation emphasized the plan's alignment with environmental management frameworks and its relevance to long-term ecological sustainability.

The third content validator is a Safety and Pollution Officer from a university, who reviewed the SRP in terms of occupational safety, environmental compliance, and pollution control measures. This assessment ensured that the proposed remediation strategies adhered to safety protocols, regulatory requirements, and best practices in environmental risk mitigation.

Overall, the content validation process affirmed the relevance, clarity, and feasibility of the Sustainable Remediation Plan. The validators' comments and recommendations were carefully considered and incorporated to further enhance the quality of the plan, strengthening its potential as a science-based and policy-relevant tool for local government units and other stakeholders involved in landfill management and environmental remediation.

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IV. Presentation of the SRP to MENRO Officials

Opening and Welcome Remarks

The activity commenced with a welcome message delivered by the MENRO representative, Ms. Gilo, who highlighted the importance of utilizing research-based evidence in strengthening local environmental management initiatives.

Introduction of the Research Team and Objectives of the Presentation

The research team, led by Dr. Elsa Cajucom, presented the purpose of the engagement. The presentation aimed to disseminate the results of the environmental risk assessment and to assist the MENRO Office in understanding the potential effects of landfill leachate and heavy metals on surrounding land and groundwater systems.

Presentation of Research Findings

Mr. Gayadang discussed the background, methodology, key findings, conclusions and recommendations of the study. Emphasis was placed on the assessed vulnerability of land to leachate contamination, the heavy metals identified as potential risks, and the varying levels of environmental risk in areas adjacent to the landfill site using the HEI–MLGU assessment framework. Maps, tables, and assessment indicators were utilized to effectively present and support the findings.

Discussion and Clarifications

MENRO personnel through Mr. Pastores raised questions and provided insights regarding:

- the implications of the findings on local environmental management
- possible sources of contamination
- the applicability of the results to existing waste management and monitoring programs

The research team addressed these queries and clarified technical aspects of the assessment.

Recommendations and Policy Implications

Dr. Elsa Cajucom outlined the study's intent and presented key recommendations, which included enhancing soil monitoring near the landfill site, improving leachate management and control mechanisms, and adopting the results as baseline information for future environmental planning and decision-making. Additional recommendations involved conducting a separate study on the possible contamination and safety of fruits harvested in nearby areas and strengthening overall solid waste management practices.

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Acknowledgment and Closing Remarks

The MENRO Office, through Mrs. Juan acknowledged the contribution of the research team and expressed appreciation for the collaboration between the HEI and the LGU. The meeting concluded with MENRO's commitment to consider the study findings in future environmental planning and monitoring efforts. The office also expressed openness to possible LGU assistance in supporting certain study-related expenditures, including laboratory testing fees, subject to existing policies. She further added to increase awareness of potential environmental and public health risks associated with landfill operations; and identify possible areas for policy action, monitoring, and further study.

Documentation of Utilization

1. Dissemination (Sharing) of Findings to Government Agency Towards Policy Brief Making



Republic of the Philippines
Department of Science and Technology Regional Office 02 through
Cagayan Valley Health Research and Development Consortium
and Medical Colleges of Northern Philippines

CERTIFICATE OF PARTICIPATION

is awarded to

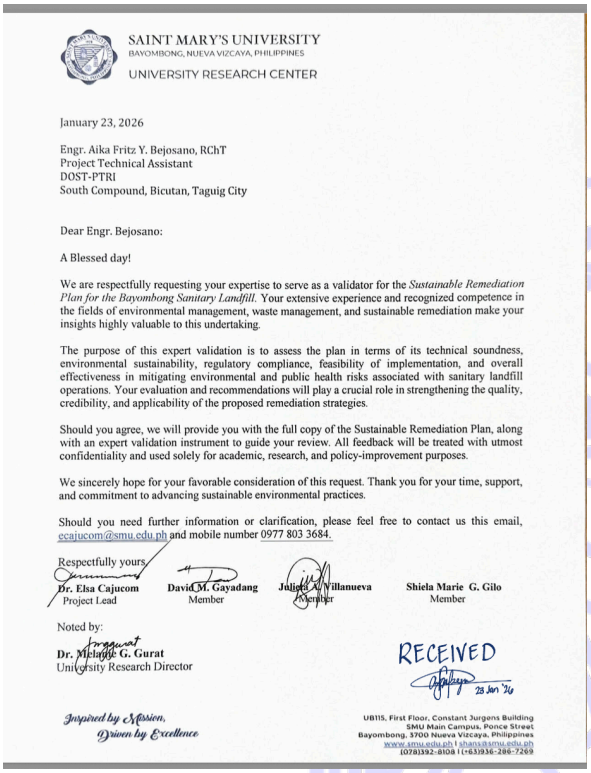
DAVID M. GAYADANG

for the active and invaluable participation during the conduct of **Cagayan Valley Health Research and Development Consortium's Training on Research Methodologies for Policy making, Management Case and Innovation Research** held on October 2-3, 2025, at Hotel Management and Tourism Management Complex, Medical Colleges of Northern Philippines, Alimanao, Peñablanca, Cagayan.

Given this 3rd day of October 2025 at Medical Colleges of Northern Philippines, Peñablanca, Cagayan.

VIRGINIA G. BILGERA, DPA
Regional Director, DOST RO2

2. Request Letters for Content Validation of the Sustainable Remediation Plan



SAINT MARY'S UNIVERSITY
BAYOMBONG, NUEVA VIZCAYA, PHILIPPINES
UNIVERSITY RESEARCH CENTER

January 23, 2026

Engr. Aika Fritz Y. Bejosano, RChT
Project Technical Assistant
DOST-PTRI
South Compound, Bicutan, Taguig City

Dear Engr. Bejosano:

A Blessed day!

We are respectfully requesting your expertise to serve as a validator for the *Sustainable Remediation Plan for the Bayombong Sanitary Landfill*. Your extensive experience and recognized competence in the fields of environmental management, waste management, and sustainable remediation make your insights highly valuable to this undertaking.

The purpose of this expert validation is to assess the plan in terms of its technical soundness, environmental sustainability, regulatory compliance, feasibility of implementation, and overall effectiveness in mitigating environmental and public health risks associated with sanitary landfill operations. Your evaluation and recommendations will play a crucial role in strengthening the quality, credibility, and applicability of the proposed remediation strategies.

Should you agree, we will provide you with the full copy of the Sustainable Remediation Plan, along with an expert validation instrument to guide your review. All feedback will be treated with utmost confidentiality and used solely for academic, research, and policy-improvement purposes.

We sincerely hope for your favorable consideration of this request. Thank you for your time, support, and commitment to advancing sustainable environmental practices.

Should you need further information or clarification, please feel free to contact us this email, ecajucom@smu.edu.ph and mobile number 0977 803 3684.

Respectfully yours,

Dr. Elsa Cajucom Project Lead | **David M. Gayadang** Member | **Julieta A. Villanueva** Member | **Shiela Marie G. Gilo** Member

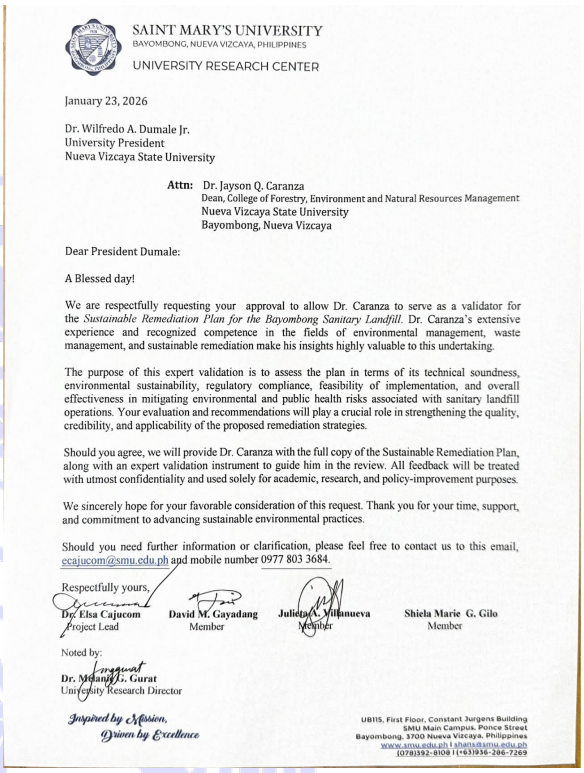
Noted by:

Dr. Melanie G. Gurat
University Research Director

RECEIVED 28 Jan '26

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SAINT MARY'S UNIVERSITY
BAYOMBONG, NUEVA VIZCAYA, PHILIPPINES
UNIVERSITY RESEARCH CENTER

January 23, 2026

Dr. Wilfredo A. Dumale Jr.
University President
Nueva Vizcaya State University

Attn: Dr. Jayson Q. Caranza
Dean, College of Forestry, Environment and Natural Resources Management
Nueva Vizcaya State University
Bayombong, Nueva Vizcaya

Dear President Dumale:

A Blessed day!

We are respectfully requesting your approval to allow Dr. Caranza to serve as a validator for the *Sustainable Remediation Plan for the Bayombong Sanitary Landfill*. Dr. Caranza's extensive experience and recognized competence in the fields of environmental management, waste management, and sustainable remediation make his insights highly valuable to this undertaking.

The purpose of this expert validation is to assess the plan in terms of its technical soundness, environmental sustainability, regulatory compliance, feasibility of implementation, and overall effectiveness in mitigating environmental and public health risks associated with sanitary landfill operations. Your evaluation and recommendations will play a crucial role in strengthening the quality, credibility, and applicability of the proposed remediation strategies.

Should you agree, we will provide Dr. Caranza with the full copy of the Sustainable Remediation Plan, along with an expert validation instrument to guide him in the review. All feedback will be treated with utmost confidentiality and used solely for academic, research, and policy-improvement purposes.

We sincerely hope for your favorable consideration of this request. Thank you for your time, support, and commitment to advancing sustainable environmental practices.

Should you need further information or clarification, please feel free to contact us to this email, ecajucom@smu.edu.ph and mobile number 0977 803 3684.

Respectfully yours,

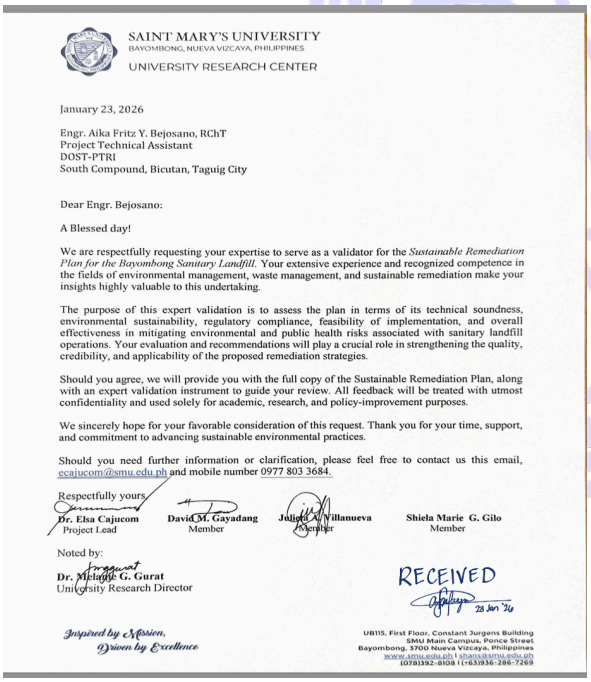
Dr. Elsa Cajucom Project Lead | **David M. Gayadang** Member | **Julieta A. Villanueva** Member | **Shiela Marie G. Gilo** Member

Noted by:

Dr. Melanie G. Gurat
University Research Director

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SAINT MARY'S UNIVERSITY
BAYOMBONG, NUEVA VIZCAYA, PHILIPPINES
UNIVERSITY RESEARCH CENTER

January 23, 2026

Engr. Aika Fritz Y. Bejosano, RChT
Project Technical Assistant
DOST-PTRI
South Compound, Bicutan, Taguig City

Dear Engr. Bejosano:

A Blessed day!

We are respectfully requesting your expertise to serve as a validator for the *Sustainable Remediation Plan for the Bayombong Sanitary Landfill*. Your extensive experience and recognized competence in the fields of environmental management, waste management, and sustainable remediation make your insights highly valuable to this undertaking.

The purpose of this expert validation is to assess the plan in terms of its technical soundness, environmental sustainability, regulatory compliance, feasibility of implementation, and overall effectiveness in mitigating environmental and public health risks associated with sanitary landfill operations. Your evaluation and recommendations will play a crucial role in strengthening the quality, credibility, and applicability of the proposed remediation strategies.

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We sincerely hope for your favorable consideration of this request. Thank you for your time, support, and commitment to advancing sustainable environmental practices.

Should you need further information or clarification, please feel free to contact us this email, ecajucom@smu.edu.ph and mobile number 0977 803 3684.

Respectfully yours,

Dr. Elsa Cajucom Project Lead | **David M. Gayadang** Member | **Julieta A. Villanueva** Member | **Shiela Marie G. Gilo** Member

Noted by:

Dr. Melanie G. Gurat
University Research Director

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24 January 2026

DR. ELSA L. CAJUCOM
Project Lead
Saint Mary's University
Bayombong, Nueva Vizcaya

Dear **Dr. Cajucom:**

This refers to your letter requesting my assistance in assessing the technical and environmental aspects of the project titled **Sustainable Remediation Plan for the Bayombong Sanitary Landfill.** I deeply appreciate the opportunity to contribute my expertise to your study.

In reference to this, I am willing to provide an independent review of the project. To proceed with the assessment, I kindly request for a copy of the Sustainable Remediation Plan, along with the validation instrument that will guide the review process. These documents will allow me to conduct an objective and informed evaluation that is aligned to the objectives of the study.

I also request for the expected timeline of the review and any confidentiality requirements that may apply. Once these details are clarified, I will be able to confirm my availability and deliverables accordingly.

Thank you for considering me for this role. I look forward to a productive collaboration with your Team.

Respectfully,

AIKA FRITZ Y. BEJOSANO
Registered Chemical Engineer

3. Presentation and Meeting with MENRO Officers



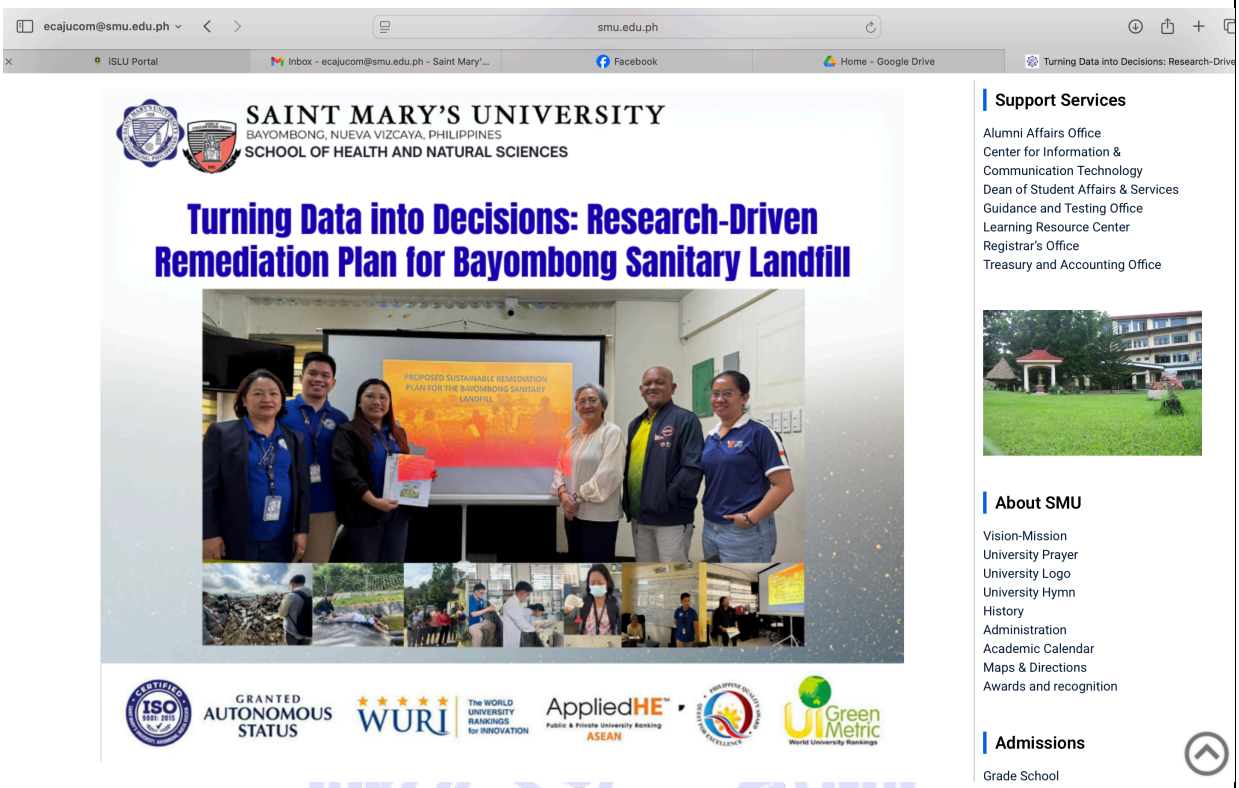


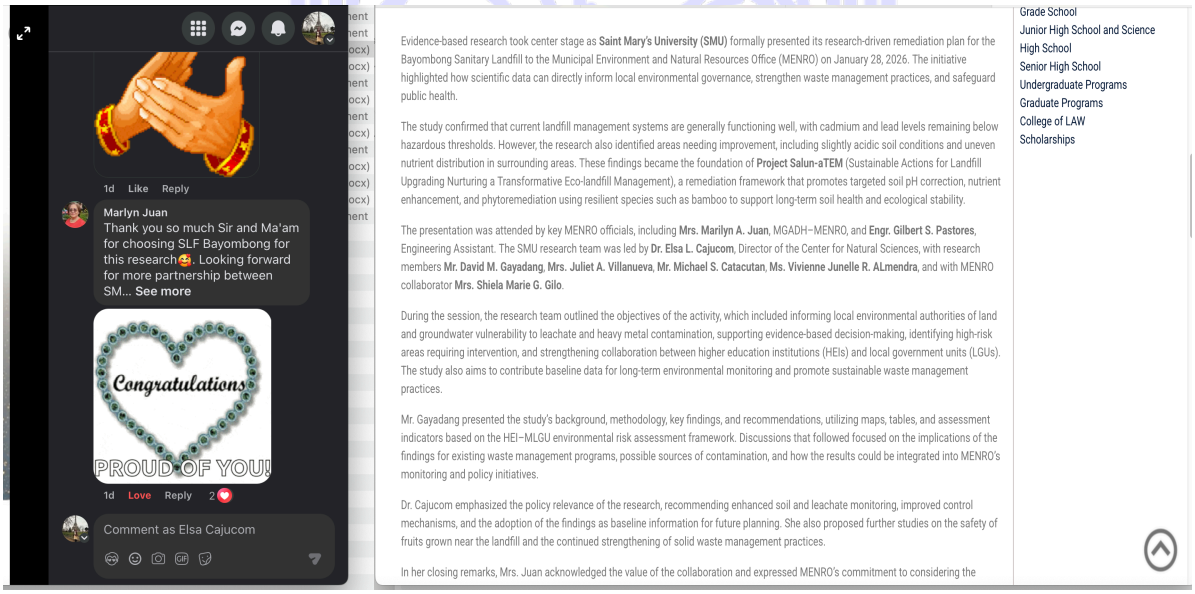




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4. Sharing of Findings and Utilization Report thru the SMU Website





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The following documents serve as evidence of research utilization:

- **Annex A: Sustainable Remediation Plan**
- **Annex B: Letter to MENRO**
- **Annex C: Request for SMU Website Posting**

Feedback from Clients/Beneficiaries

1. **From Experts Validator**

E. OVERALL ASSESSMENT

Indicator	4	3	2	1
Overall quality of the Sustainable Remediation Plan.	✓			
Likelihood of adoption by LGU/DENR.	✓			

Comments and Recommendations:

Add quatitative targets; identify specific bamboo species and spacing; include simple cost range per major activity;

Add contingency actions for extreme rainfall and prolonged drought scenarios (climate change impacts)

Name of Evaluator:	JAYSON Q. CARANZA
Highest Educational Attainment:	Post Doc.
Institutional Affiliation:	Nueva Vizcaya State University
Position:	Dean, College of Forestry, Environment and Resources Management
Signature:	
Date:	February 04, 2026

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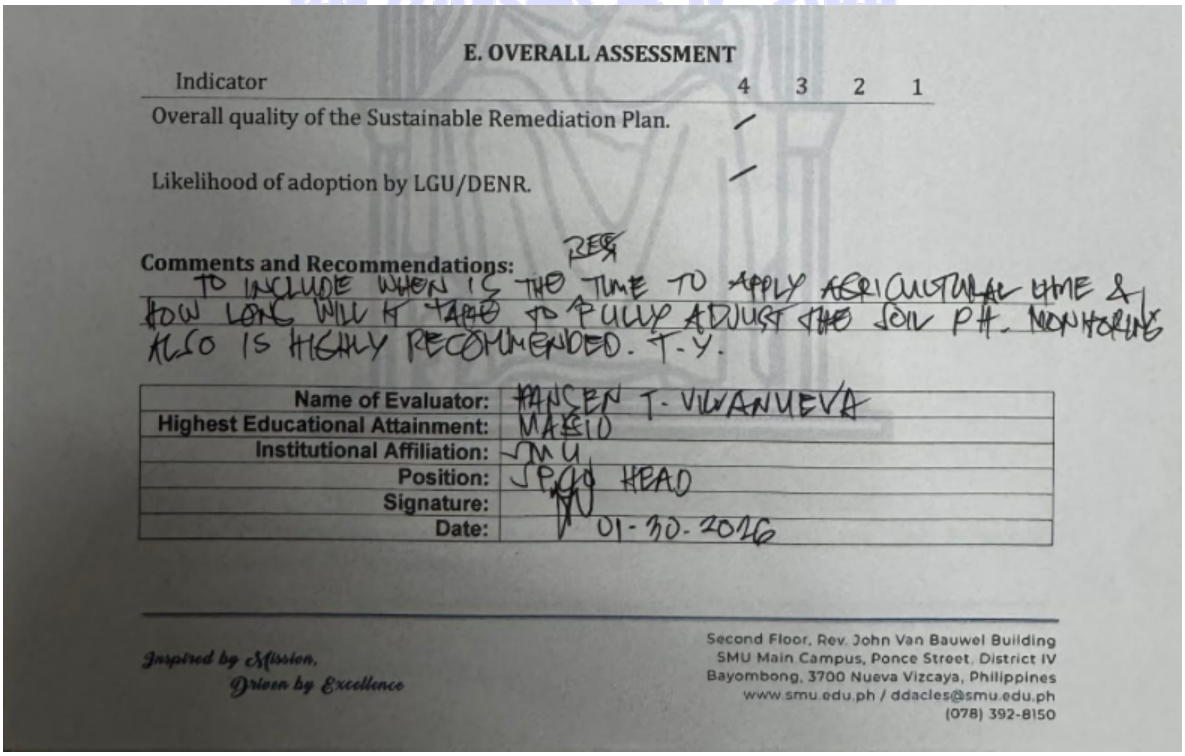
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E. OVERALL ASSESSMENT

Indicator	4	3	2	1
Overall quality of the Sustainable Remediation Plan.	✓			
Likelihood of adoption by LGU/DENR.		✓		

Comments and Recommendations:
The Plan is elegantly simple and sustainable. However, challenges lie on the enforcement of the Plan and the continuity of LGU support.

Name of Evaluator:	Aika Fritz Y. Bejosano
Highest Educational Attainment:	College Graduate - BS Chemical Engineering
Institutional Affiliation:	DOST - Philippine Textile Research Institute
Position:	Project Technical Assistant
Signature:	
Date:	27 January 2026



E. OVERALL ASSESSMENT

Indicator	4	3	2	1
Overall quality of the Sustainable Remediation Plan.	✓			
Likelihood of adoption by LGU/DENR.	✓			

Comments and Recommendations:
REF
TO INCLUDE WHEN IS THE TIME TO APPLY AGRICULTURAL LIME & HOW LONG WILL IT TAKE TO FULLY ADJUST THE SOIL PH. MONITORING ALSO IS HIGHLY RECOMMENDED. T-Y.

Name of Evaluator:	HANSEN T. VILVANUEVA
Highest Educational Attainment:	MASTER
Institutional Affiliation:	SMU
Position:	SPCO HEAD
Signature:	
Date:	01-30-2026

2. From MENRO

The study concluded with MENRO's commitment to consider the findings in future environmental planning and monitoring efforts. The office also expressed openness to possible LGU assistance in supporting certain study-related expenditures, including laboratory testing fees, subject to existing policies. Mrs. Juan further added to increase awareness of potential environmental and public health risks associated with landfill operations; and identify possible areas for policy action, monitoring, and further study.

Dr. Elsa L. Cajucom, LPT, RChT

David M. Gayadang, LPT

Julieta A. Villanueva, LPT, MAT

Shiela S. Gilo

Faculty Researchers /Extensionists

Noted:

Mrs. Cathelyn S. Mariano, LPT, MA
Research Coordinator

Research and Technical Assistance for Early Warning Systems

1. **Slow Onset Event (SOE) Nueva Vizcaya**
2. **Galicia, R. J. A., Mendoza, J. A., Toletntino, N. C. M., & Bautista, M. K. S., RCE. (2024). *A proposed slope protection along Diffuday-Bonifacio Provincial Road, Quezon, Nueva Vizcaya.* In Saint Mary's University (Ed.), *SMU Research Abstracts 2023* (Vol. 11, p. 132). Saint Mary's University. https://doi.org/10.5281/zenodo.17411298**
3. **Doria, C. J. J., Espinas, K. C. L., Ingusan, V. S., & Lampa, D. J. T., BSCE. (2024). *Evaluation of flood control structures and community resilience of selected barangays of Bayombong, Nueva Vizcaya: A comprehensive flood vulnerability assessment.* In Saint Mary's University (Ed.), *SMU Research Abstracts 2023* (Vol. 11, p. 131). Saint Mary's University. https://doi.org/10.5281/zenodo.17411298**
4. **Val, I. M. A., Razo, K. M. T., Pumihic, A. S., Ambrocio, A. J. R. C., & Tiam, A. J. C., MSCE. (2024). *SIRIB: A proposed hybrid library at Northeastern College Brgy. Villasis, Santiago City, "An integration of green building concept to environmental sustainability."* In Saint Mary's University (Ed.), *SMU Research Abstracts 2023* (Vol. 11, p. 130). Saint Mary's University. https://doi.org/10.5281/zenodo.17411298**
5. **Gañalongo, R. C. D., Ancheta, J. C. D., Jose, D. M. N., & Tiam, A. J. C., MSCE. (2024). *ARAKUP: A proposed adaptive residential structure with rotating envelope system in Dingalan, Aurora, subject to strong rain and wind hazard.* In Saint Mary's University (Ed.), *SMU Research Abstracts 2023* (Vol. 11, p. 129). Saint Mary's University. https://doi.org/10.5281/zenodo.17411298**
6. **Blance, J. A., Cabagay, V. A. P., Taguiling, J. M. D., Yasay, J. R. B., & Alindayu, J. T., MSCE. (2024). *Utilization of wastepaper as a partial replacement of cement for papercrete masonry bricks.* In Saint Mary's University (Ed.), *SMU Research Abstracts 2023* (Vol. 11, p. 126). Saint Mary's University. https://doi.org/10.5281/zenodo.17411298**

Narrative/Documentation Report

Project Title:	Project Punhog
Date:	April 23, 2025
Time:	8:00 AM to 12:00 PM
Team Composition:	
Lead Organizer:	Engr. Candido Joseph T. Rosario Jr.
Project Staff/Members:	Jahaziel Hernaez Mark Batarao Rachel Ceril

Narrative

One of the activities of the Linggo ng Likha at Lingkod 2025 celebration. The *Project Punhog*, from the School of Engineering, Architecture, and Information Technology (SEAIT) led by Engr. Rosario and volunteered CE students, Mark Batarao, Adriel Jahaziel Hernaez, and Rachel Ceril visited Sitio Masina, Baretbet, Bagabag, Nueva Vizcaya on April 23 to deliver water tank and instruct how will it be installed.

Engr. Rosario, gave some instructions to the residents on how and what to do with the water tank. On the other hand, volunteered CE students interviewed some of the residents on how the project will affect their community. They all gave similar answers, *"Mayat tapnu mapalaka ti panagala iti danum, para iti ikinaduan",* "it's good for it will be easier to get water, for everyone".

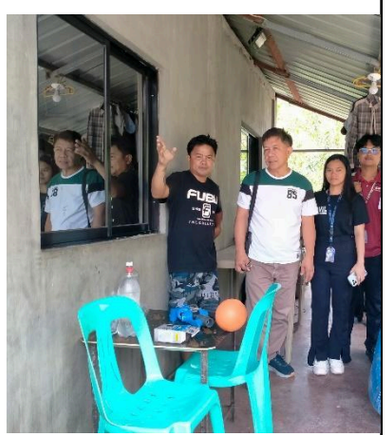
After delivering and instructing what to do with the water tank, we went back to Bayombong(SMU), to conclude and give our report to *SMU - Community Engagement and Indigenous Peoples Studies Center.*

Documentation

Image 1 Together with some of the residents of Sitio Masina Image Giving instructions on how to install the water tank



2



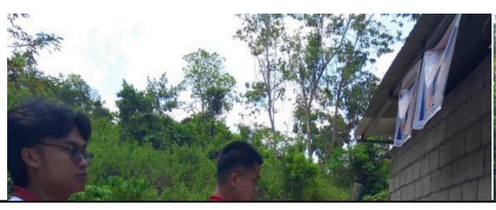




Image 3 Interviewing Sitio Masina's Residents

Prepared by:	*Engr. Candido Joseph T. Rosario Jr.* *SEAIT Extension Coordinator*
Date Submitted:	*April 28, 2025*

Note:

**Append the list of extensionists/participants*
**Append the list of donors*

Narrative/Documentation Report

Project Title:	Ocular Inspection for the Construction of Water Reservoir
Date:	February 19, 2025
Time:	7:30 AM
Team Composition:	
Lead Organizer:	Carl Louise A. Atencio (BSCE-4)
Project Staff/Members:	Faculty/ Employee: Engr. Candido Joseph T. Rosario Jr. Mr. Regidor Almendral Students: (BSCE-4) Kristoffer Morta Ryan Angelo Marata Dan Asley Arcega

Narrative

The project aims to construct a water reservoir in Sitio Masina, Baretbet, Bagabag, NV to provide the nearby residents with a reliable source of clean water. The main objective is to improve access to water, promote better health, and help the community during dry seasons. Selected students and teachers conducted a site visit to assess if the location is suitable for the construction. The target is to ensure the project meets the community's needs, and the accomplishments so far include evaluating the site for feasibility. Challenges include making sure the area has the right conditions for the project, and follow-up activities will involve planning the construction and monitoring progress.

Documentation



Discussion of materials



On the way to the site



Site inspection



and discussion needed	
Prepared by:	*Carl Louise A. Atencio*
Date Submitted:	*February 20, 2025*

Note:

**Append the list of extensionists/participants*
**Append the list of donors*

NARRATIVE REPORT

SDG: (11) Sustainable Cities and Communities

(13) Climate Action

Title of Activity: **DISASTER RISK REDUCTION AND MANAGEMENT SEMINAR**

Date/Time: February 8, 2025 8:00 – 11:00 AM

Venue: Fr. Tonus Gymnasium

Organizers: NSTP Office

Objectives: To equip participants with knowledge and skills on disaster preparedness, response, mitigation, and recovery, fostering a culture of safety and resilience in communities.

Beneficiaries (if any):

Participants: NSTP Facilitators and Students, MDRRMO Bayombong

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A. Highlights of the Activity

The National Service Training Program organized a Disaster Risk Reduction and Management (DRRM) seminar to equip students with essential knowledge and skills in disaster preparedness. The seminar began with the university prayer, followed by the singing of the National Anthem and the Saint Mary's University Hymn.

To formally open the event, Sir Delano Rod Dacles, a CWTS facilitator, delivered the welcome remarks, emphasizing the crucial role of disaster preparedness in minimizing risks and protecting communities. Mrs. Rosemarie R. Paned then introduced the distinguished guest speakers: Mr. Jenkins C. Ampat, Mr. Roel A. Gurat, and Mr. Mark Clienton John Parilla, each bringing their expertise in different aspects of DRRM.

The first speaker, Mr. Jenkins C. Ampat, a Marian alumnus and former educator, engaged students through a puzzle game, setting a lively and interactive atmosphere. He emphasized the importance of participative learning, ensuring that students were actively involved throughout the discussion. He likened preparedness to a winding road, illustrating that achieving disaster resilience is a continuous process that requires strategic planning and commitment. He then elaborated on the principles of DRRM, highlighting proactive measures to mitigate disasters. Additionally, he discussed the laws governing DRRM and their historical development, emphasizing their significance in national disaster response efforts.

Next, Mr. Roel A. Gurat provided an insightful discussion on geohazards, focusing on their impact on communities. He identified major fault lines in the Philippines, particularly in region 2 and Nueva Vizcaya, and stressed the importance of geohazard mapping for disaster preparedness. He also explained the phenomenon of liquefaction, detailing how intense ground shaking can cause the soil to lose its strength. He underscored the necessity of soil analysis to assess the safety of an area, helping communities make informed decisions to reduce geological risks.

The final speaker, Mr. Mark Clienton John Parilla, tackled flood hazards, a pressing concern in many parts of the country. He outlined the dos and don'ts during calamities, stressing the importance of preparedness measures such as securing emergency supplies and developing evacuation plans. He also emphasized the need for individuals to be aware of the locations of designated evacuation centers to ensure a swift and organized response in times of disaster.

As the seminar concluded, the speakers left the participants with a powerful reminder: "Prevention is better than cure." Their discussions reinforced the importance of proactive disaster preparedness and community resilience.

To recognize their valuable contributions, the NSTP facilitators awarded Certificates of Appreciation to the guest speakers, acknowledging their expertise in DRRM. The event concluded with a closing prayer led by Mrs. Janice Jacinta Bernardo, a CWTS facilitator, leaving the audience with a renewed sense of responsibility and commitment to disaster readiness.

Through this seminar, students gained essential knowledge and practical insights, empowering them to become proactive advocates for disaster preparedness in their communities.

B. Summary of the Activity Evaluation

How would you rate the seminar in terms of the following?	**Mean**	**SD**	**QUALITATIVE DESCRIPTION**
1. Attainment of the Activity's objectives	4.72	0.52	Very Satisfactory
2. Relevance of the Topics:	4.73	0.53	Very Satisfactory
3. Trainers/Facilitators/Speakers Effectiveness 1	4.68	0.56	Very Satisfactory
Trainers/Facilitators/Speakers Effectiveness 2	4.73	0.53	Very Satisfactory
Trainers/Facilitators/Speakers Effectiveness 3	4.66	0.61	Very Satisfactory

4. Management	4.62	0.63	Very Satisfactory
5. Venue conduciveness	4.59	0.64	Very Satisfactory

Legend: 4.5-5.0 Very Satisfactory (VS); 3.5-4.49 Satisfactory (S); 2.5 3.49 Good (G;) 1.5-2.49 Fair (F); 1.0-1.49 Needs Improvement (NI)

A. Which of the topics/activities do you think is the most important to you?

- The majority expressed that all topics covered in the seminar were important or most important to them.
- Many specifically emphasized Disaster Risk Reduction and Management (DRRM) as crucial.
- Commonly highlighted topics include disaster preparedness, mitigation and prevention, and what to do before, during, and after disasters.
- Specific disaster types frequently mentioned were floods, landslides, earthquakes, cyclones, and storms, especially those relevant to their local area or personal experience.
- Several respondents valued learning about disaster causes, risks, and safety measures.
- Some found the real-life experiences of rescuers and emergency management phases (mitigation, preparedness, recovery) particularly impactful.
- A few noted the importance of learning about relevant laws such as Republic Act 10121 related to disaster management.

Overall, the focus was on practical knowledge that helps individuals and communities be better prepared and protected during natural disasters.

B. Which of the topics/activities do you think is the least important to you?

- The vast majority of students said none or N/A, meaning all topics were important to them.
- Many emphasized that every topic is relevant and useful, especially because the seminar focuses on saving lives and disaster preparedness.
- A few mentioned specific disaster types like tsunami, flood, typhoon, tropical cyclone, earthquake, and duck cover and hold, but only in passing or as something less important — yet still recognized as relevant.
- One comment highlighted discomfort with graphic images shown without warning, but still found the overall seminar timely.
- A few expressed being already familiar with some risks due to prior learning, but still did not discount their importance.

Overall: The consensus is that no topic should be considered least important since all parts contribute to understanding disaster risks and preparedness.

C. Suggestions:

- Most students said "None" or "N/A" — many felt the program was good or already perfect.
- Some asked for better organization, like:
    - Coordinating student seating and program flow.
    - More organized seating arrangements.
    - Informing participants ahead about possible conflicts (e.g., venue availability).
- Improving visuals and readability:
    - Larger font sizes and clearer text on slides.
    - Use both projector screens.
    - Better color contrast for fonts.
- Requests for more engaging activities and enthusiastic emcees.
- A few suggested providing snacks.
- Giving out flyers or handouts for better note-taking or review.
- Comments encouraging the team to keep up the good work.

Overall, the main actionable points are about clarity of presentation, better coordination, and some added engagement — but mostly positive feedback!

C. Appendices

1. Attendance Sheet (scanned)

2. Program of Activities



3. Photo Documentation









Prepared by:

Mrs.Rejean Ann P. Valentin
Staff, NSTP Office

Noted by:

Mr. Domingo T. Guntalilib Jr.
Head, NSTP Office

NARRATIVE REPORT

SDG: 9, 11, 13, and 17

Title of Activity: Training on the use of GeoRiskPH Platforms for the Province of Nueva Vizcaya

Date/Time: July 24-25, 2025, 8:00am – 12:00nn and 1:00 – 5:00pm

Venue: Convention Center, Capitol Compound Bayombong, Nueva Vizcaya

Organizers: Provincial Disaster Risk Reduction and Management Office (PDRRMO)

Objectives:

1. To equip local government units and stakeholders with the knowledge and skills to utilize GeoRiskPH tools in identifying, assessing, and mapping natural hazards in their respective areas.
2. To enable planners, DRRM officers, and partner universities to access and analyze geospatial risk information for more informed and evidence-based disaster preparedness, mitigation, and development planning.
3. To foster collaboration among provincial, municipal, and barangay-level offices by standardizing the use of GeoRiskPH for emergency planning, environmental management, and infrastructure safety.

Participants:

Local Government Units and Partner Universities

A. Highlights of the Activity:

A two-day training on the various GeoRiskPH tools and functions was successfully conducted on July 24–25, 2024, at the Nueva Vizcaya Convention Center in Bayombong, Nueva Vizcaya. The training featured a combination of lectures, demonstrations, and hands-on activities designed to enhance the participants' understanding and use of GeoRiskPH applications for disaster risk reduction and planning.

Around 80 participants from the Provincial Disaster Risk Reduction and Management Office (PDRRMO), Provincial Planning and Development Office, partner universities, and local government units (LGUs) took part in the training. The sessions provided practical guidance on utilizing GeoRiskPH tools for hazard assessment, planning, and decision-making, strengthening the capacity of local stakeholders in disaster preparedness and resilience efforts.

B. Appendices

Photo Documentation





Prepared by:

HANSON T. VILLANUEVA
SPCO Head

NARRATIVE REPORT

SDG: **(3) Good Health and Well-being**

Title of Activity: **Basic Water Safety & Survival Training (BWSS)**

Date/Time: May 17 - 18, 2025

Venue: CICM Covered Court, Saint Mary's University

Organizers: Marian Emergency Response Team (MERT) Officers, Trainers, and Alumni

Objectives: To assure and execute a satisfactory and safe Basic Water Safety & Survival Training (BWSS) of our trainees.

Beneficiaries (if any):

Participants: Marian Emergency Response Team (MERT) Officers, Trainees, and Alumni

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A. Highlights of the Activity

The two-day Basic Water Safety and Survival (BWSS) Training conducted on May 17–18, 2025, was a comprehensive and well-organized event spearheaded by the Marian Emergency Response Team (MERT). Prior to the start of the training at 0730H on May 17, MERT officers, along with their juniors, were mobilized to gather essential equipment. This included six Go bags, three oxygen tanks, four orange long backboards, ten life vests, one life buoy, and two large trauma bags. These items were necessary for the hands-on training sessions that would follow.

At approximately 0730H, Sir Dave Marcelo issued instructions to the next-in-command to assign teams for logistical tasks. The officers and juniors were divided accordingly. Team A, designated as the People Committee, was tasked with ensuring the safety and proper behavior of the trainees. This group was led by Mr. Earl V. Bacud, Vice President for Operations. Meanwhile, Team B, under the leadership of Ms. Alyssa Halili, the third-in-command, was assigned as the Food Committee, responsible for purchasing food and materials, refilling water jugs, and securing ice for the training. The team assignments were disseminated by the VP for Operations.

At exactly 0745H, Sir Dave Marcelo and Sir Kim Ogaya officially opened the training by discussing the do's and don'ts to ensure a safe and effective experience. Around 0900H, the trainees were instructed to change into their swimming attire, and by 0910H, the BWSS training proper began. The session, facilitated by Sir Kim Ogaya, Sir Dave Marcelo, and Sir Denmark Soriano, kicked off with warm-up exercises to prepare the participants' muscles for the day's activities.

The first skill introduced was "bubbling," a breathing technique used in swimming where one exhales underwater while the face is submerged. This helps swimmers maintain a steady rhythm and prepares them to inhale efficiently while turning their head to breathe. Afterward, trainees circled the sides of the pool to get comfortable with the water. As Sir Kim emphasized, "The water is your friend, not your enemy." Some trainees, especially those of smaller build, struggled

during this exercise, but officers and juniors quickly responded by providing life vests to those in need.

Following this, the instructors led a flutter kick drill, which helps swimmers propel forward while maintaining a streamlined position. At around 1030H, a 15-minute break was given. Training resumed at 1045H with diving techniques, where Ms. Karyn Nabulneg, a junior officer and a member of Saint Mary's University's swimming team, assisted in demonstrating proper diving form.

By 1200H, everyone paused for lunch. Officers, juniors, trainees, and instructors dined together, promoting a sense of unity. The afternoon session began at 1330H with the introduction of basic swimming strokes, starting with freestyle, which is vital for reaching a victim quickly. Trainees demonstrated varying levels of swimming ability—some were beginners, others fast learners, and a few were already strong swimmers. Officers and juniors assisted those who struggled and offered words of encouragement.

The next focus was on the frog kick, a technique that allows for powerful yet controlled movement while keeping the rescuer's upper body steady. This drill required considerable effort and coordination, and many trainees found it difficult, especially since it involved partner work—one playing the victim, the other the rescuer.

Training paused again at 1500H for the 3 o'clock prayer and another brief break. At 1515H, the trainees performed all previously learned skills in a return demonstration. The day's training concluded at approximately 1730H. Some trainees stayed to continue practicing, others enjoyed the pool, and some chose to take a bath and rest.

At 1930H, everyone gathered in formation for the evening mess. Trainees, officers, juniors, alumni, and instructors shared a meal in celebration of teamwork and camaraderie. By 2100H, the officers and juniors prepared for the highly anticipated MERT Pageant Show. Trainees were grouped, and each group selected a male candidate to represent them in the pageant. Using only available materials, they dressed their candidates creatively, highlighting the resourcefulness of the trainees. The pageant began at 2145H and ended at 2210H, followed by tent assembly and nighttime preparations.

At 2330H, lights were turned off, and officers made rounds to ensure tents were appropriately segregated by gender. At 0010H, Sir Dave, Sir Kim, and Sir Denmark called all officers and juniors for a meeting to plan the Field Training Exercise (FTX). Seven stations were created, each simulating a different emergency scenario that would require the trainees to apply their newly acquired skills. The planning meeting concluded at 0130H, and everyone took time to rest.

By 0400H on May 18, the MERT President roused the officers and juniors to begin FTX preparations. Some went to their stations to set up while others woke the trainees. Sir Denmark and Sir Appling facilitated the activity. At 0410H, the trainees were formed and grouped under the supervision of the VP for Operations. Instructions were given, and Sir Appling appointed a trainee as the Incident Commander, along with five standby medics.

At 0430H, the search team was deployed to locate the victims. Once found, they reported back to the Incident Commander, who dispatched the rescue team accordingly. The FTX ended at 0630H. During the debriefing, Sir Appling commended the effort shown but also pointed out areas for improvement. He emphasized the importance of quick decision-making and strong leadership, stating, "Dapat yung Incident Commander mabilisan ang galaw at firm sa mga commands." He also stressed the role of medics in securing the scene from interference, especially with alumni acting as victim relatives.

Following the FTX, at 0645H, the trainees changed into their training attire and joined a morning warm-up led by one of their buddies. This ended by 0730H, after which they took a bath and had their morning mess at 0800H. By 0900H, they gathered for their final water safety session, which focused on escaping techniques—important for ensuring the rescuer's own safety during rescue situations.

While training continued, some officers prepared for the trainees' final meal—a boodle fight. Training concluded at 1300H, followed by the lunch celebration. Afterward, the trainees changed into their training uniforms in preparation for graduation.

At 1500H, the MERT President led a symbolic ceremony where trainees were instructed to give a rock to someone who helped them during training, and an egg to someone who inspired them to push through. These tokens symbolized growth, resilience, and motivation.

The training officially ended at 1600H. Officers, juniors, and trainees then took time to clean their areas of responsibility. The event wrapped up at 1730H with dismissal, marking the conclusion of a meaningful and transformative BWSS training experience for all involved.

B. Appendices

1. Program of Activities



2. Photo Documentation






Discussion on Do's and Don'ts.







Day 1 of Training.






Day 1 Noon Mess









Day 2 of Training.

Prepared by:

Mr. Earl Marcus Aniel V. Bacud
VP for Operations, MERT

Noted by:

Mr. Domingo T Guntalilib Jr
Head, NSTPO

NARRATIVE REPORT

SDG: 4: Quality Education; 13: Climate Action

Title of Activity: **Project CARE**: **C**limate **A**daptation and **R**esilience through **E**ducation (A Webinar)

Date/Time: May 4, 2024 – 10:00am to 12:30pm

Venue: Saint Mary's University via Google Meet

Organizers: Doctor of Philosophy in Science Education
Issues and Trends in Science Education
(EDSC 303)

Objectives:

Climate change is one of the most pressing challenges worldwide, affecting ecosystems, economies, and human well-being on multiple aspects. Regarding this, education is crucial for addressing these effects and equipping future generations, as it helps raise awareness, encourages adaptive strategies, mitigations, and builds resilience. Hence, this report details the initiatives and results of a recently concluded webinar that focused on enhancing climate adaptation and resilience through education.

This program entitled, *"**Project CARE**: Climate Adaptation and Resilience Through Education"* was conducted on May 4, 2025 (Sunday), targeting students, teachers, the community, and other stakeholders. Furthermore, this webinar served as a platform to spread awareness and information about climate change in the hope to integrate it in education.

Specifically, this webinar aimed to:

1. increase awareness and understanding of the causes of climate change and its environmental impacts;
2. highlight the role and importance of education in climate change adaptation and building resilience;
3. share best practices and innovative strategies in integrating climate change in community or school programs; and
4. uphold sustainable practices within schools and communities.

Beneficiaries:

The webinar participants were the beneficiaries from this activity through the shared knowledge by the speaker regarding climate change adaptation and resilience.

Participants:

Participants of this webinar were the PhD Science Education major in Mathematics and Biology students, invited teachers, and stakeholders. In total, there were 28 participants.

A. <u>Highlights of the Activity:</u>

Considering the increasing climate-related challenges affecting communities worldwide, the students of Doctor of Philosophy in Science Education in Mathematics Students of Issues and Trends in Education (EDSC 303) course, led by Dr. Analyn A. Guevarra, Head of the Health & Natural Sciences and Mathematics Cluster in the School of Graduate Studies, hosted a timely and informative webinar titled, **"Project CARE: Climate Adaptation and Resilience Through Education"**, on May 4, 2025, via Google Meet, in celebration of the Earth Day 2025. This online event aimed to deepen understanding of climate change impacts and promote education as a tool to empower individuals and communities to adapt, respond, and build resilience.

The activity was prompted by the singing of the National Anthem, followed by a solemn Saint Mary's University Prayer, through an audio-visual presentation. Ms. Jaycee D. Udanga, the moderator of the webinar, warmly welcomed the participants and introduced the session's objectives. To formally open and give the overview of the webinar, Dr. Mayvelyn S. Covita, the Dean of the School of Graduate Studies, delivered her Opening Remarks, highlighting the importance of education in adapting and building resilience to climate change. She then encouraged everyone to be informed about the topic to recognize the risks that may be faced and take actions to reduce vulnerability. Indeed, education plays a crucial role to respond to climate change.

Ms. Udanga introduced the keynote speaker, Dr. Bondee L. Peñaflor of Isabela State University Cabagan-Garitas Campus. He gave an insightful overview of climate change, emphasizing the science of climate change, its impacts, responses and actions, and shared the best practices in ISU Cabagan Campus. Dr. Peñaflor stressed that the earth is now experiencing the *"global boiling"* because of the emission of greenhouse

gases that are trapped in the earth's atmosphere. He gave a comprehensive information about how man-made sources contribute to the increase of temperature. After giving the details of the causes of climate change, the speaker introduced the global and local trends, how climate change is being felt in the Philippines, its adverse impacts to the biodiversity, and what mitigations or solutions to offer to reduce the risks of vulnerability of climate change. He then highlighted how schools can be catalysts of change by fostering climate awareness and resilience-building habits. To end his talk, the speaker presented his composed poem conveying how we partake in the preservation of the planet.

The next part of the webinar was the open forum which was participated by Ms. Grethen C. Tuquilar, Mr. Jayson Joe P. Salamida, Mr. Somerson J. Kis-ing, and Ms. Lynjane C. Tabelisma. To summarize their shared speeches, they agreed that climate change is felt in different ways, since Philippines is a diverse country. In uplands and lowlands, changes in temperature are evident, causing problems among humans, plants, and animals. In some ways, their schools lay out mitigation plans to be prepared for the typhoons, floods, and other natural disasters. Schools manifest that they build a foundation for long-term resilience such as clean-up drives, tree planting, and proper waste management. However, it cannot be denied that there are still problems regarding waste management or disposals, especially in urban schools. Notwithstanding, the students, teachers, parents, and the community, join hand in hand to promote care for the environment.

As a result, the webinar went on in a smooth motion. The meaningful topic gave the participants motivation to actively engaged in the discussions. The speaker left a significant learning through his comprehensive delivery of the topic. It was embarked in everyone's minds the urgency to unite for the preservation of the planet. As ways forward, the topic delivered was subjected for sharing in the participants' respective schools and for sustainable development.

Indeed, the webinar was successfully conducted and ended with a Closing Remarks by Mr. Christopher D. Julian, commending the active participants and able speaker, followed by a closing prayer by Ms. Jaycee D. Udanga, the effective moderator of this webinar.

B. Summary of the Activity Evaluation

Monitoring and Evaluation (M & E) Analysis

Satisfaction Level of Participants of the Session

Scale of Evaluation: 1.00 – 1.50 – Very Dissatisfied; 1.51 – 2.50 – Dissatisfied; 2.51 – 3.50 – Neither Satisfied nor Dissatisfied; 3.51 – 4.50 – Satisfied; 4.51 – 5.00 – Very Satisfied

Table 1
Level of Satisfaction of the Participants of the Session

Indicators	Mean	SD	Description
1. Mastery of Subject Matter	5.00	0.00	Very Satisfied
2. Time Management	4.69	0.48	Very Satisfied
3. Appropriateness of Learning Methodologies	4.62	0.77	Very Satisfied
4. Clearly defined objectives	4.77	0.44	Very Satisfied
5. Usefulness of training in current jobs	4.92	0.28	Very Satisfied
6. Relevance of the topics	4.92	0.28	Very Satisfied
7. Professional Conduct	4.69	0.63	Very Satisfied
Overall	**4.80**	**0.34**	**Very Satisfied**

As shown in Table 1, the participants were very satisfied with the speaker's mastery of topic/ subject matter (M=5.00, SD=0.00), time management (M=4.69, SD=0.48), appropriateness of learning methodologies (M=4.62, SD=0.77), clearly defined objectives (M=4.77, SD=0.44), usefulness of training in current jobs (M=4.92, SD=0.28), relevance of the topics (M=4.92, SD=0.28), and professional conduct (M=4.69, SD=0.63).

Overall, it yielded an average of 4.80 (SD=0.34) or qualitatively described as "Very Satisfied". This also implies that the speaker has met the session's objectives and facilitated the session very well.

Agreement Level of Participants of the Session
Scale of Evaluation: 1.00 – 1.50 – Strongly Disagree; 1.51 – 2.50 – Disagree; 2.51 – 3.50 – Neutral; 3.51 – 4.50 – Agree; 4.51 – 5.00 – Strongly Agree

Moreover, Table 2 revealed the evaluation of the participants to the management of the session.

Table 2
Level of Agreement of the Participants of the Session

Indicators	Mean	SD	Description
1. The seminar workshop met my expectation.	4.85	0.38	Strongly Agree
2. The information was important.	4.69	0.63	Strongly Agree
3. I will be able to apply the knowledge learned.	4.69	0.63	Strongly Agree
4. The speaker is knowledgeable in his/her topic.	4.85	0.38	Strongly Agree
5. The used medium of discussion throughout the lecture is good and understandable.	4.85	0.38	Strongly Agree
6. There is an adequate time provided for questions and discussions.	4.69	0.63	Strongly Agree
Overall	**4.85**	**0.48**	Strongly Agree

It can be seen from Table 2 that the participants strongly agreed that the webinar met their expectations (M=4.85, SD=0.38), the information was important (M=4.69, SD=0.63), they will be able to apply the knowledge learned (M=4.69, SD=0.63), the speaker was knowledgeable of the topic (M=4.85, SD=0.38), the used medium of discussion throughout the lecture was good and understandable (M=4.85, SD=0.38), and there was an adequate time provided for questions and discussions (M=4.69, SD=0.48). The webinar obtained an overall rating of 4.85 (SD=0.48), also indicating that the webinar was excellent.

Furthermore, the participants' comments for the sessions are as follow:

What do you like the MOST about the webinar

- *I liked how informative and comprehensive the session was.*
- *I liked the discussion and the talk of the speaker (as a whole).*
- *I liked the indicated programs to mitigate climate change.*
- *I am enlightened about the scientific explanation on climate change.*
- *What I liked most about the webinar was how informative and engaging it was. The speaker explained real-time issues in a clear and practical way, and I appreciated the opportunity to learn new insights that I can apply not only on my work but in my daily life.*

What do you like the LEAST about the webinar?

- *The technical difficulty/ glitches, which are usual during webinar.*
- *Although time management, because it extends beyond lunch time, I was well-informed about climate change.*

Other Takeaways/Comments/Suggestions

- *I commend Dr. Bondee for such an inspiring speaker. His sharing was very timely and impactful. Kudos!*
- *It's not Global Warming, it's already global boiling.*
- *The speaker shared very informative facts about the topic.*
- *Congratulations! Excellent speaker!*
- *Thank you so much for this relevant webinar!*
- *More webinars to be conducted*
- *Global Boiling is alarming.*

C. Appendices

1. Attendance Sheet

No.	Name
1.	Adriel Wansi
2.	Arlene Lu-ib
3.	Christopher Julian
4.	Cathlyn Dumale
5.	Dennis Batara
6.	Ella Tricia Aquino
7.	Eliezer M. Gom-o
8.	Grethen Tuquilar
9.	Ian Karl Cusay
10.	Jasmin Trinidad
11.	Jayson Joe Salamida
12.	Jesper Valdez
13.	Jocelyn Lumas-e
14	Khriselle Mae Beting
15.	Krystel Alfa Grapiza
16.	Lynjane Tabelisma
17.	Nelvin Nool
18.	Rahamier Tuclab
19.	Somerson Kis-ing
20.	Fernando Ilave Jr.
21.	Jaycee Udanga
22.	Terel Gay Purisima
23.	Feinx de Leon
24.	Lhester Apay-yeo
25.	Renz Pagano
26.	Dawn Bellatrix Espinosa
27.	Joshua Daodawon
28.	Edjeff A. Banggalao

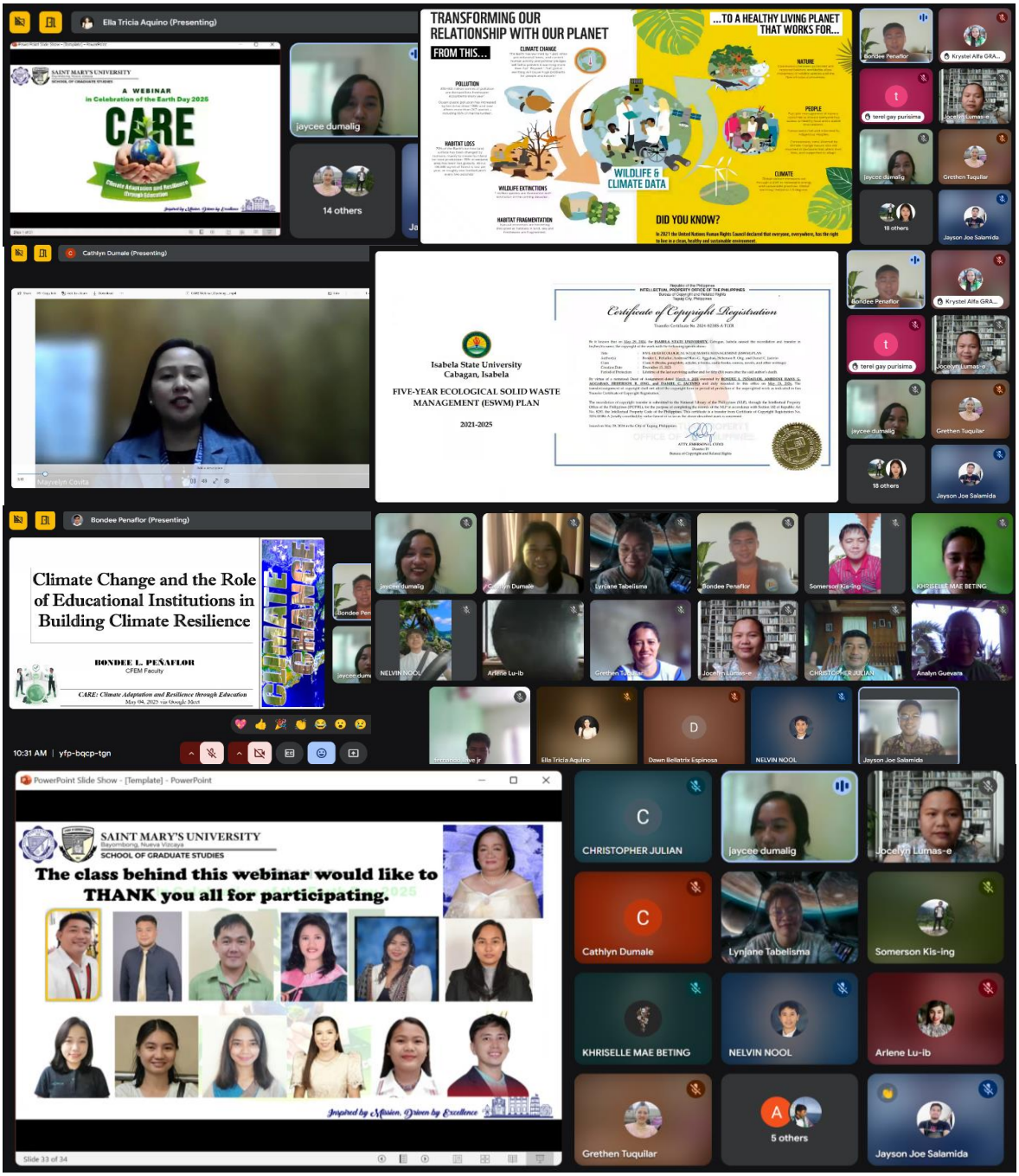
2. Program of Activities

Date	Activity	Person/s Involved
I. Pre-Implementation		
March to May 2025	*Planning and Conceptualization of the Webinar*	**Dr. Analyn A. Guevara** **EDSC 303 Students**
March 22, 2025	*Meeting and Orientation*	**Dr. Analyn A. Guevara** **MATH 331 Students**
April 10 to May 2, 2025	*Meeting and Preparation of Materials*	**MATH 331 Students**
April 21 to May 2, 2025	*Invitation of Participants and Dry run*	**Dr. Analyn A. Guevara** **EDSC 303 Students**
II. Implementation		
May 4, 2025	*Webinar*	**Dr. Analyn A. Guevara** **EDSC 303 Students**
	Evaluation and Distribution of E-Certificates	**Participants** **EDSC 303 Students**
III. Post-Implementation		
May 2025	*Completion and Submission of Narrative Report*	**Dr. Analyn A. Guevara** **EDSC 303 Students**





3. Photo Documentation



Prepared by:

EDSC 303 Class

SAINT MARY'S UNIVERSITY
BAYOMBONG, NUEVA VIZCAYA, PHILIPPINES
OFFICE OF THE VICE PRESIDENT FOR ADMINISTRATION

VPA Circular No. 16
AY 2022-2023

TO: THE SELECTED NON-ACADEMIC PERSONNEL (SEE ATTACHED LIST)

RE: TRAINING ON FIRST AID AND USE OF FIRE EXTINGUISHER

DATE: 24 January 2023

In line with the Occupational Safety and Health requirements of the Department of Labor, the **Safety and Pollution Control Office(SPCO)** in cooperation with **Kabalikat Civicom** will conduct a **Basic First Aid Training and Proper Use of Fire Extinguisher** on Wednesday, **January 25, 2023 from 8:00 AM to 12:00** noon at the Aula Maria Hall, Apo Pilo Building.

The first batch of trainees from the non-academic personnel and other support staff have been selected (see attached list). The next batch will undergo a similar training on February 1, 2023 (Wednesday). It is required that all support staff should undergo the training.

Heads of Offices are hereby directed to make arrangements to allow their staff to attend the training.

JOHN G. TAYABAN, PhD
Vice President for Administration

Noted by:

JOHN OCTAVIOUS S. PALINA, PhD
University President

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NARRATIVE REPORT

SDG: 4

Title of Activity: ***"PSYCHOTHERAPY IN DISASTERS AND EMERGENCIES"***

Date/Time: April 30, 2025

Venue: via Zoom

Organizers: University of the Philippines Department of Psychiatry and Behavioral Medicine Psychotherapy Special Interest Group

Objectives: To provide a deeper understanding of how mental health professionals can respond effectively to psychological needs during disasters and emergencies.

Beneficiaries (if any):

Participants: Psychologists, Psychometrician, Social Workers, health Professionals

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A. Highlights of the Activity:

The speaker, Dr. Goran Mijamija, Consultant Psychiatrist, Haukeland University Hospital, Bergen, Norway, discussed intermediate interventions, interventions for disaster-affected individuals' post-disaster psychotherapeutic interventions. The speaker also presented real-life cases of crisis intervention.

B. Summary of the Activity Evaluation

The seminar made me better understand the critical role we can play not just in therapy rooms but also in communities during their most vulnerable times.

C. Appendices

1. **Attendance Sheet (scanned)**

2. **Program of Activities**

3. **Photo Documentation**



"Alagang Reyna" with the SMU extensionists

Prepared by:

Alona C. Costales
ADSAS Women