



VISION

The Mindoro State University is a of excellence in agriculture and fishery, science, technology, culture, and education of globally competitive lifelong learners in a diverse yet cohesive society.

MISSION

The University commits to produce 21st – century skilled professionals and generate and commercialize innovative technologies by providing excellent and relevant services in instruction, research, extension, and production through industry-driven curricula, collaboration, internationalization, and continual organizational growth for sustainable development.

GOAL

Provide and broaden the access to quality education responsive to an ever growing and dynamic society.

OBJECTIVES

Strengthen the capabilities of the institution to:

1. Offer quality education.
2. Provide opportunities for the youth to develop their potential as human being and as productive members of society.
3. Expand financial assistance to poor but deserving student toward greater access to education.
4. Maximize productivity to sustain income generation and;
5. Intensify research and extension services, which are relevant to the needs of the community.

March 11, 2024

DR. CHRISTIAN ANTHONY C. AGUTAYA

OIC-President

This University

Dear Sir,

I am writing to seek your approval for the extension proposal titled: "Improving knowledge and awareness on Ecosystem-based Disaster Risk Reduction, Climate Change Adaptation and Mitigation, and Technology Transfer towards building climate resilience and promoting sustainable development." This project aims to enhance the understanding of the barangay officials of the Municipality of Victoria on how to prevent or reduce disaster risk and adapt to and mitigate climate change, through sustainable management of ecosystem, ultimately promoting climate resilience and sustainable development through technology transfer.

With a total project cost of PhP 275,810.00 for the project implementation and 140,800.00 for Monitoring, this initiative will benefit the 32 barangays of LGU Victoria. The project is planned to be implemented from June 2024 to June 2026 and will be monitored from July 2026 to July 2028, allowing for a comprehensive coverage and impact in the designated areas.

Attached in this letter is the detailed proposal for your thorough review. Your approval of this extension is crucial in advancing our efforts towards building resilient community that is prepared to face the challenges posed by climate change.

I sincerely thank you in advance for considering this proposal. Your support is invaluable in our journey creating a more sustainable future for all.

Thank you and God bless.

Sincerely,

WILMA G. DE LOS SANTOS
Program Leader

Recommending Approval: L.

LOURDES V. ICALLA, DVM
Director for Extension

Approved:

CHRISTIAN ANTHONY C. AGUTAYA, Ph.D.
OIC University President



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I. PROGRAM PROFILE

Title: Improving knowledge and awareness on Ecosystem-based Disaster Risk Reduction, Climate Change Adaptation and Mitigation, and Technology Transfer towards building climate resilience and promoting sustainable development

Head of the Agency: Dr. Christian Anthony C. Agutay
OIC-President, Mindoro State University

a. Program Coordinator: Dr. Lourdes V. Icalla

b. Program Leader: Engr. Wilma C. De Los Santos
Faculty Researcher

c. Project Leaders

Program Component	Project Leader
Project I. Education and Training	Engr. Wilma C. De Los Santos
Project II: Research Writing	Ms. Jaesma A. Asinas
Project III. Documentation	Mr. Ross Christian C. Manuel
Project IV. Program directing and report writing	Dr. Marinel V. Burgos
Project V. Module production	Mr. Eljohn M. Villeza
Project VI. Secretariat	Ms. Anne Antioquia
Project VII. Social Preparatory	Dr. Randy Quitain
Project VII. Administration and Coordination	Mr. Melvin C. Aguba

- d. Cooperating Agencies:** Mindoro State University
Local Government Units
- e. Implementers:** Faculty of the College of Arts and Sciences
- f. Contact Person:** Engr. Wilma C. De Los Santos
- g. Program Cost:** PhP 275,810.00 (Implementation)
PhP 140,800.00 (Monitoring)
- h. Source of Fund:** MinSU Research and Extension Division
- i. Project Location:** 32 barangays of the Local Government Unit of Victoria
- j. Direct Beneficiaries:** BLGU, Victoria, Oriental Mindoro
- k. Program Implementation:** 2 years (June 2024 to June 2026)
- m. Program Monitoring:** 2 years (July 2026-July 2028)



II. Introduction

Climate change poses a significant threat to our planet, affecting communities worldwide. Improving knowledge and awareness of Ecosystem-based Disaster Risk Reduction, Climate Change Adaptation and Mitigation, and Technology Transfer are crucial steps towards building climate resilience and promoting sustainable development. By implementing strategies such as preserving natural habitats, utilizing green technologies, and sharing innovative practices, communities can better prepare for and respond to climate-related challenges, ultimately creating a more sustainable future for generations to come.

Developing education and outreach programs is an effective way to enhance community knowledge and awareness. These programs can range from workshops and seminars to public awareness campaigns and information dissemination through various channels. By tailoring the content to different target groups and utilizing accessible formats, such as multimedia and interactive materials, Victoria can effectively reach and engage a wide range of community members.

Collaboration with various stakeholders, including academia, civil society, and private sector organizations, is critical in improving community knowledge and awareness. By leveraging the expertise and resources of these partners, Victoria can benefit from interdisciplinary perspectives and innovative solutions. Collaboration also facilitates the sharing of best practices and lessons learned, enabling the local government to continuously improve its strategies and approaches.

Section 1: Understanding Ecosystem-based Disaster Risk Reduction

1.1. Definition and Importance

Ecosystem-based disaster risk reduction refers to using natural ecosystems and their services to reduce the impacts of disasters. This approach recognizes the vital role ecosystems play in providing multiple benefits, such as flood regulation, erosion control, and biodiversity conservation. Understanding the importance of ecosystem-based solutions is crucial in building resilience to disasters.

1.2. Key Concepts and Principles

- Ecosystem services: The goods and services provided by ecosystems, including provisioning (e.g., food and water), regulating (e.g., climate regulation), cultural (e.g., recreation), and supporting services (e.g., nutrient cycles).
- Ecosystem functions: The processes and interactions that occur within ecosystems, such as photosynthesis, nutrient cycling, and pollination.



- **Ecosystem resilience:** The ability of an ecosystem to resist disturbances and recover quickly from impacts.

1.3. Benefits of Ecosystem-based Disaster Risk Reduction

- **Enhanced natural defences:** Healthy and well-managed ecosystems can act as natural barriers, reducing the magnitude and impact of disasters, such as floods and landslides.
- **Cost-effectiveness:** Ecosystem-based approaches are often more cost-effective than built infrastructure solutions, as they require lower initial investment and provide multiple benefits over the long term.
- **Co-benefits for climate change adaptation and mitigation:** Ecosystem-based approaches contribute to both adapting to climate change impacts and mitigating greenhouse gas emissions.

Section 2: Understanding Climate Change Adaptation and Mitigation

2.1 Understanding Climate Change

- **Causes:** Explain the main factors contributing to climate change, including greenhouse gas emissions from human activities such as burning fossil fuels, deforestation, and industrial processes.
- **Impacts:** Discuss the various impacts of climate change, such as rising temperatures, changing precipitation patterns, sea-level rise, and extreme weather events.

2.2 Climate Change Adaptation

- **Definition:** Explain climate change adaptation as the process of adjusting to the impacts of climate change to reduce vulnerability and increase resilience.
- **Strategies:** Provide examples of adaptation strategies, such as developing early warning systems, implementing heatwave management plans, and improving water resource management.

2.3 Climate Change Mitigation

- **Definition:** Explain climate change mitigation as the reduction or removal of greenhouse gas emissions to prevent further climate change.
- **Strategies:** Discuss various mitigation strategies, including transitioning to renewable energy sources, improving energy efficiency, and enhancing carbon sequestration through afforestation and reforestation.



III. The Training Program

3.1 Target Audience

Barangay officials including SK will participate in the training program, such as Punong Barangay, all barangay sanggunian, secretary, treasurer and Sangguniang Kabataan Officials. Understand their existing knowledge and capacities related to ecosystem-based disaster risk reduction and climate change.

3.2 Learning Objectives

Define clear and measurable learning objectives for the training program, such as:

- Increase understanding of the concept of ecosystem-based disaster risk reduction.
- Enhance knowledge of climate change impacts and adaptation strategies.
- Promote awareness of the co-benefits of ecosystem-based approaches for climate change mitigation.

3.3 Training Methods and Activities

- Presentations and Lectures: Use visual aids and engaging presentations to provide participants with the necessary information and theoretical background.
- Case Studies and Success Stories: Share real-world examples of successful projects and initiatives related to ecosystem-based disaster risk reduction and climate change.
- Group Discussions and Workshops: Facilitate discussions and interactive sessions to encourage participants to share their experiences, ideas, and challenges.
- Field Visits: Organize visits to local ecosystems and projects to provide hands-on experience and practical insights.

3.4 Evaluation and Feedback

- Pre and Post-training Assessment: Conduct assessments before and after the training to measure improvements in knowledge and understanding.
- Participant Feedback: Regularly gather feedback from participants to identify areas for improvement and gauge the overall effectiveness of the training program.
- Conduct a scenario building to identify location specific climate change adaptation and mitigation.



IV. PARTICIPANTS AND BENEFICIARIES

IV. PARTICIPANTS AND BENEFICIARIES			
Agency	Number of participants per barangay (Barangay Officials including SK)	Number of Barangays	Total
BLGUS	20	32	640

V. PROGRAM OF ACTIVITY

Day 1

TIME	TOPIC	RESOURCE PERSON
7:30-8:30	Arrival of Participants	
8:30-8:40	Prayer and Pambansang Awit	Dr. Marinel V. Burgos – EMCEE
8:41-8:45	Brief Information about the seminar- workshop	Engr. Wilma C. De Los Santos
8:46-9:00	Welcome Remarks	Punong Barangay
9:01-9:15	Acknowledgement of the Participants	Dr. Marinel V. Burgos – EMCEE
9:16-9:35	Acknowledgement of the Resource Persons and Organizers	Dr. Marinel V. Burgos – EMCEE
9:36-10:20	Training/Seminar Ethics/House Rules	Mr. Eljohn M. Villeza
10:21-10:45	Pre-Evaluation/Pre-Test	Jaesma Asinas
10:45-11:15	Review of the Philippine DRRM System	Engr. Wilma C. De Los Santos
11:16-12:00	Ecosystem and ecosystem services	Jaesma Asinas
12:00-1:00	Lunch Break	
1:01-1:30	Anthropogenic Activities and the environment	Anne Antioquia
1:31-2:30	Environmental Degradation and Disaster Risk, Disaster Risk Reduction and Management	Engr. Wilma C. De Los Santos
2:30-3:00	Ecosystem-based Disaster Risk Reduction, Climate Change Adaptation and Mitigation	Engr. Wilma C. De Los Santos
3:01-3:30	Greenhouse Gas Quantification	Mr. Ross Christian C. Manuel
3:30-4:00	Essential Grammar tips for Project Proposal Preparation	Dr. Marinel V. Burgos
4:01-4:30	Post Evaluation, Satisfaction Rating	Jaesma Asinas
4:30-5:00	Impression and Closing Remarks	Participants

Day 2

TIME	TOPIC	RESOURCE PERSON
7:30-9:00	Tree Growing	Team
9:00-5:00	Workshop according to the needs of the barangay (5R's; Proposal Writing; Green and Grey Technologies; GHG Inventory)	Team

5

Eco-DRRAM| Extension Proposal

•Main Campus, Alcate, Victoria •Bongabong Campus, Labasan, Bongabong •Calapan City Campus, Masipit, Calapan City



VI. LOGISTIC REQUIREMENT

A. Program Implementation

ITEM	QTY	Unit	Number of Days	Amount			Total
I. Travel Expenses							
Gasoline	30	liter	32	72			69,120.00
II. Training Proper				am snack	lunch	pm snack	
Victoria (32 barangays)	20/brgy	pax	1 per barangay	80	120	80	179,200.00
Total	640		32				179,200.00
III. Supplies and Materials							
<i>Hand-out and evaluation Materials</i>							
Bond Paper long	30	ream		255			7650
Bond Paper (A4)	30	ream		245			7350
Pencil #2	5	12 pcs/box		100			500
Ballpen (regular)	55	12 pcs/box		165			9075
Folder (long)	35	pcs		24			3600
Expanded Envelope (long)	35	pcs		20			700
Board Certificate paper (White)	65	10pcs/ream		80			5200
Epson L3110 Ink	10	set		300			3000
Subtotal							27,490.00
Grand Total							275,810.00

B. Program Monitoring (2 year-term)

ITEM	QTY	Unit	Number of Days	Amount			Total
I. Travel Expenses							
Gasoline	30	litre	32	72			69,120.00
II. Food	8/brgy	pax	1 per barangay	80	120	80	71,680.00
Total							140,800.00

VII. LOGISTIC SCHEME

LOGISTICS	MINDORO STATE UNIVERSITY	LGU
Resource Persons	✓	



Training Venue and Sound System		✓
Hand-out Materials	✓	
Forms	✓	
Invitation		✓
Certificates	✓	
Food	✓	

VIII. BUDGET BREAKDOWN

Particulars	Implementation Phase			Monitoring Phase	
	Year 1	Year 2	Year 3	Year 4	Year 5
	June-Dec 2024	Jan-Dec 2025	Jan-Dec 2026	Jan-Dec 2027	Jan-Dec 2028
City/Municipality					
Purchase of materials and Preparation of Modules and Hand out	27,490.00				
Training and Data Collection Barangays 1 - 32 (Food)	33,600.00	72,800.00	72,800.00	34,560.00	34,560.00
Travel Expenses	17,280.00	25,920.00	25,920.00	35,840.00	35,840.00
Total	78,370.00	98,720.00	98,720.00	70,400.00	70,400.00

IX. EXPECTED OUTPUT

At the end of this training, participants will have significant knowledge and skills in implementing Ecosystem-Based Disaster Risk Reduction and Climate Change Adaptation and Mitigation for Sustainable Development. They will be equipped with the tools and strategies needed to create sustainable and resilient communities in the face of increasing disaster risks and climate change challenges. With their newfound knowledge, participants will have the ability to make a positive impact and contribute to a more sustainable and resilient world.

Introduction to Ecosystem-Based Disaster Risk Reduction and Management (DRRM)

Ecosystem-based Disaster Risk Reduction and Management (DRRM) is an approach that aims to reduce the vulnerability of communities to natural disasters by utilizing the natural environment. It recognizes the important role that ecosystems play in providing essential services and protection against hazards, such as floods, landslides, and storms. In this training, we will explore various ecosystem-based measures and strategies that can be implemented to minimize disaster risks and enhance community resilience. These measures include ecosystem restoration, sustainable land management, watershed management, and the protection and conservation of biodiversity.



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Understanding Climate Change Adaptation and Mitigation (CCAM)

Climate Change Adaptation and Mitigation (CCAM) refers to the actions and efforts taken to reduce the impacts of climate change and enhance resilience in the face of its effects. It involves both adapting to the changes that are already occurring and mitigating future climate change through the reduction of greenhouse gas emissions. During this training, participants will delve into the concepts of climate change adaptation and mitigation, exploring various strategies and approaches that can be undertaken at both the individual and community level. These strategies may include the development of climate-resilient infrastructure, the implementation of sustainable agriculture practices, the promotion of renewable energy sources, and the adoption of low-carbon lifestyles.

Integrating Ecosystem-Based DRRM and CCAM for Sustainable Development

Recognizing the interconnection between ecosystems, disaster risk reduction, and climate change, the integration of Ecosystem-Based DRRM and CCAM is essential for achieving sustainable development. This integrated approach ensures that efforts to reduce disaster risks and adapt to climate change are aligned with the preservation and enhancement of ecosystems. Participants in this training will gain a deep understanding of how ecosystem-based approaches can effectively support and complement climate change adaptation and mitigation strategies. They will explore case studies and best practices from around the world, learning how to incorporate these approaches into their own local contexts to promote sustainable development.

Community Engagement in Tree Growing Activity and Technology Workshop

The community was actively engaged in a Tree Growing Activity within their barangay, where over 100 trees were planted and carefully monitored over a period of 2 years to promote their healthy growth. Moreover, participants received training tailored to the specific needs of the community, focusing on areas such as waste recycling, green and grey technologies to mitigate disaster risks, and greenhouse gas inventory management to monitor and reduce their emissions.



X. GANTT CHART

Year	2024												2025												2026												
City/Municipality	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Processing and approval of Proposal																																					
Purchase of materials and Preparation of Modules and Hand out																																					
Barangay 1 -32																																					
Data Collection																																					
Consolidation and Analysis																																					
Writing of Full Papers																																					
Writing of Reports																																					
Submission of Reports and Full Papers																																					
Year	2026												2027												2028												
City/Municipality	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Monitoring																																					



XI. SUSTAINABILITY PLAN

Sustainability is crucial for the well-being of our planet and future generations. The sustainability plan for the extension program titled "Improving the knowledge and awareness of Communities on Ecosystem-based Disaster Risk Reduction and Climate Change Adaptation and Mitigation: A Road to Climate Resilience and Sustainable Development" focuses on educating communities about these important topics. Follow the steps below to implement this plan successfully:

1. Identify Stakeholders:

Begin by identifying key stakeholders such as community leaders, local organizations, and environmental experts who can contribute to and benefit from the program.

2. Assess Community Needs:

Conduct surveys and interviews to understand the specific needs and challenges faced by the community regarding disaster risk reduction, climate change adaptation, and mitigation.

3. Develop Educational Materials:

Create informative materials such as brochures, posters, and presentations that explain the concepts of ecosystem-based disaster risk reduction and climate resilience in simple terms.

4. Organize Workshops and Training Sessions:

Facilitate workshops and training sessions according to the needs of the barangays such as the implementation of 5 R's (Segregation and Recycling); Tree growing; GHG inventory; Proposal Writing; Flood Mitigating Structures.

5. Promote Community Engagement:

Encourage active participation from community members by organizing clean-up drives, tree-planting activities, and other initiatives that promote environmental stewardship.

6. Monitor and Evaluate Progress:

Regularly monitor the effectiveness of the program by collecting feedback from participants, assessing changes in behaviour, and measuring the impact on the community's resilience to disasters and climate change.

7. Sustain Program Impact:

2-year Monitoring Activity shall be implemented to monitor the progress of the program. We shall also develop a long-term strategy to sustain the program's impact by establishing partnerships, securing funding, and integrating sustainability in community initiatives.



8. Celebrate Achievements:

Recognize and celebrate the achievements of the community in implementing sustainable practices and building resilience to disasters and climate change.

By following this sustainability plan for the community awareness program, we can empower communities to take proactive steps towards a more sustainable and resilient future. Together, we can make a positive impact on the environment and create a better world for future generations.

Prepared:

WILMA C. DE LOS SANTOS, MSDRRM

Program Leader

Noted:

LOURDES V. CALLA, DVM

Director for Extension

KATHERINE P. SANCHEZ-ESCALONA, Ph.D.

Dean, College of Arts and Sciences

Allotment Availability:

ROVELYN P. ROXAS

Budget Officer

Recommending Approval:

JOELENE C. LEYNES

Vice President for Admin and Finance

NEMESIO H. DAVALOS, Ph.D.

Vice President for Academic Affairs

Approved:

CHRISTIAN ANTHONY C. AGUTAYA, Ph.D.

OIC University President



3-DAY CAPACITY DEVELOPMENT TRAINING ON ECOSYSTEM-BASED DISASTER RISK REDUCTION AND CLIMATE CHANGE ADAPTATION AND MITIGATION BARANGAY HALL, BARANGAY-CANAAN OCTOBER 29-31, 2024

The seminar began with the arrival and registration of participants from 7:30 AM to 8:05 AM, by the Canaan secretariat team and the facilitator Ms. Rofelia T. Antioquia. Following this, a prayer and the singing of the Philippine National Anthem started the day's activities.

The Punong Barangay, Mr. Eugenio Sixto delivered the welcome remarks and emphasizing the importance of disaster risk reduction and climate change adaptation efforts.

Mr. Melvin Aguba from the College of Teacher Education, who also served as the moderator for the day acknowledged the presence of all participants and the resource speakers. Engr. Wilma C. De Los Santos, Assistant Professor IV, provided an overview of the seminar-training workshop, detailing its objectives and expected outcomes.

Mr. Eljohn M. Villeza from the College of Arts and Sciences discussed the seminar's ethics and house rules, ensuring respectful conduct throughout the event. A pre-test and pre-evaluation conducted by Ms. Rofelia T. Antioquia, Faculty of College of Arts and Sciences, gauged participants' initial knowledge and expectations. Engr. Wilma C. De Los Santos then reviewed the Philippines' Disaster Risk Reduction and Management (DRRM) System, providing valuable insights.

Ms. Jaesma A. Asinas, an Environmental Science instructor delivered a presentation on "Ecosystem and Ecosystem services" followed by Dr. Randy A. Quitain's presentation on the "Ridge to Reef" approach. A brief Zumba dance session was held to re-energize participants before proceeding to the next speaker.

Engr. Wilma C. De Los Santos presented the first part of the discussion on "Environmental Degradation & Disaster Risk" before the session paused for a lunch break

After the lunch break, the afternoon sessions resumed with Engr. Wilma C. De Los Santos continuing the second part of the discussion on Environmental Degradation and Disaster Risk. This was followed by Ms. Jaesma A. Asinas's presentation on Understanding the Science of Climate Change. Before the snack break, Dr. Randy A. Quitain delivered a talk on Geographic Information Systems (GIS) Technology demonstrating how GIS technology can be used to enhance disaster risk reduction strategies. After a brief snack break, participants completed a questionnaire facilitated by Ms. Rofelia Antioquia and Mr. Eljohn M. Villeza. This was followed by an open forum moderated by Mr. Melvin Aguba.

The second day began with the arrival and registration of participants from 7:30 AM to 8:30 AM. At 8:30 AM by the facilitator Ms. Rofelia T. Antioquia. Following this, a recap of the first day lectures were done.

Mr. Aguba conducted a session on Community level GHG Quantification. Participants engaged in a hands-on workshop led by Mr. Ross Christian Manuel from College of Teachers Education applying the concepts learned to perform an entity-level greenhouse gas inventory.



After a lunch break, the participants reconvened for the afternoon sessions. Engr. Wilma C. De Los Santos and Mr. Ross Christian C. Manuel facilitated the presentation of outputs from each group. The groups presented their findings and received feedback from the facilitators.

Mr. Villeza presented on anthropocentric value systems and their importance in the sustainable use of natural resources, fostering a deeper understanding of ethical considerations in environmental management. Ms. Rofelia T. Antioquia and Ms. Jaesma A. Asinas conducted a post-test and post-evaluation to gather participants' feedback on the day's sessions, ensuring continuous improvement for future events. The seminar-workshop concluded with participants sharing their impressions. Certificates of participation were distributed, marking the end of the event. The closing remarks, delivered by Brgy. Captain Eugenio Sixto, Sir William Biton, and Engr. Wilma C. De Los Santos, emphasized the importance of applying the knowledge and skills acquired to foster resilient communities. The event concluded with a group photo opportunity to commemorate the activities.

A tree-growing activity was done on the third day near the New Barangay Hall of Barangay Canaan. Participants gathered from 8:00 AM to 11:00 AM to plant trees, reinforcing the importance of ecosystem restoration and conservation as part of disaster risk reduction and climate change adaptation efforts.

Prepared by:

ROFELIA T. ANTIOQUIA
Program Member

Attested

ENGR. WILMA C. DELOS SANTOS
Program Leader



September 5, 2024

DR. ENYA MARIE D. APOSTOL

SUC President III, Mindoro State University

Alcate, Victoria, Oriental Mindoro

Madam:

MINDORO STATE UNIVERSITY
Victoria, Oriental Mindoro, 5205 Philippines

RECEIVED
RECORDS OFFICE

BY: _____
DATE: 9/6/24
TIME: 9:31
CONTROL # 2574

3/06

This is to kindly request the faculty members who are involved in the implementation of extension program titled, "Improving the knowledge and awareness of the Local Government Units on Ecosystem-based Disaster Risk Reduction and Climate Change Adaptation and Mitigation" to enroll in the UPOU massive online open distance e-learning - Microcredential for Resiliency series - MOOC 1: Basics of Resilience, and MOOC 2: "Risk Parameters, Hazard Assessment, and Framework and Policies on DRR-CCA:

1. Engr. Wilma C. De Los Santos
2. Jaesma A. Asinas
3. Melvin A. Aguba
4. Dr. Randy A. Quitain
5. Dr. Marinel V. Burgos
6. Eljohn M. Villeza
7. Christian Ross C. Manuel
8. Rofelia T. Antioquia

These MOOCs are structured to be accessible to all participants, as enrollment is free and does not require face-to-face interaction. They can be completed at our convenience, allowing for flexibility in our schedules. This online format ensures that every faculty member can engage in learning without the constraints of specific meeting times. MOOC 2 will commence on September 9, 2024, and conclude on October 4, 2024.

By attending these courses, we will gain insights into critical risk parameters and hazard assessment strategies that can significantly enhance our response capabilities in the face of disasters. With the growing frequency of climate-related events, it is our responsibility to stay informed and proactive in our approach to disaster management.

I kindly request your support and approval for the participation of the faculty members listed above in this important initiative. Together, we can foster a resilient community equipped to face the challenges posed by our changing environment.

Thank you for considering this request. I look forward to your favorable response. God bless and stay safe.

~~Sincerely,~~

WILMA C. DE LOS SANTOS, MSDRRM
Eco-DRR/CCAM Program Leader

Noted: _____

KATHERINE P. SANCHEZ-ESCALONA, Ph.D.
Dean, College of Arts and Sciences

Recommending Approval: _____

NEMESIO H. DAVALOS, Ph.D.
Vice President for Academic Affairs

Approved: _____

ENYA MARIE D. APOSTOL, Ph.D.
SUC President III





MUNICIPAL DISASTER RISK REDUCTION & MANAGEMENT OFFICE

October 24, 2024

DR. ENYA MARIE D. APOSTOL
SUC President III
Mindoro State University, Alcate, Victoria
Oriental Mindoro

Sir/Madam,

Mabuhay, Mahal Tana!

The Municipal Disaster Risk Reduction and Management Office (MDRRMO) of Babangonan, Victoria, Oriental Mindoro will conduct **Ecosystem-Based Disaster Risk Reduction and Climate Change Adaptation and Mitigation on October 29-30, 2024, 8:00 am** at Brgy. Canaan, Victoria, Oriental Mindoro

In line with this, we warmly invite the following individuals as resource speakers;

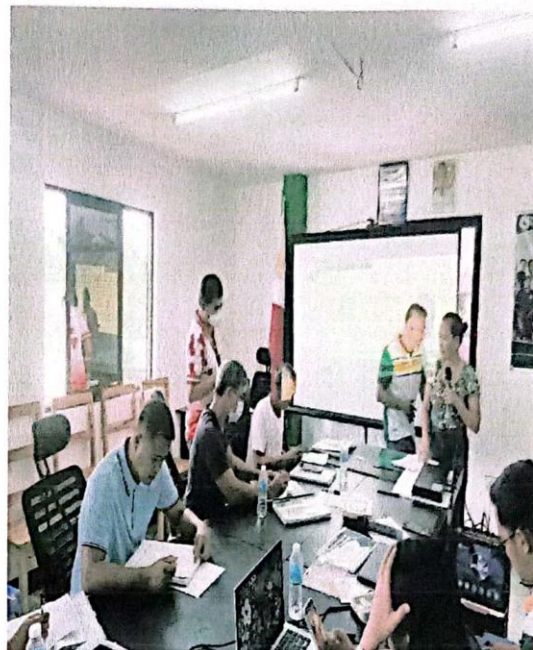
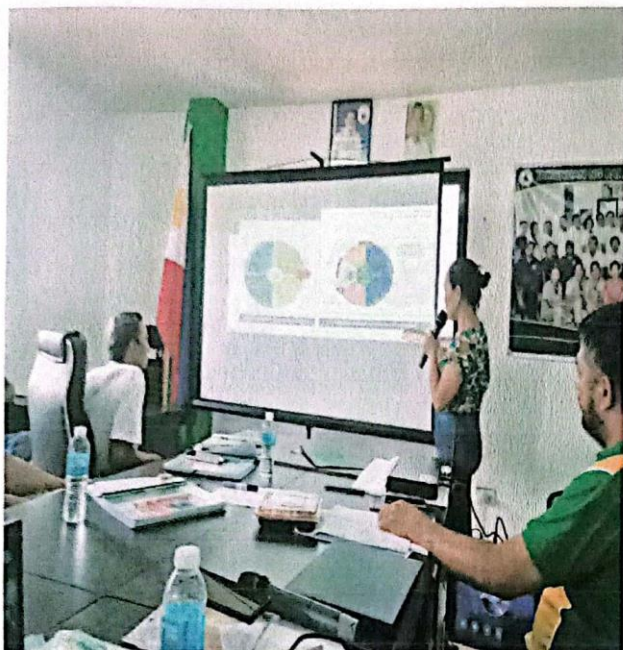
- **ENGR. WILMA C. DE LOS SANTOS**
- **JAESMA ASINAS**
- **ROSS CHRISTIAN C. MANUEL**
- **DR. RANDY A. QUITAIN**
- **MR. ELJOHN M. VILLEZA**
- **DR. MARINEL V. BURGOS**
- **MR. MELVIN AGUBA**
- **MS. ROFELIA T. ANTIOQUIA**

These individuals have been carefully selected for their expertise and experience in relevant fields, and we believe their participation as resource speakers will greatly enhance the quality and effectiveness of the training. Each speaker will bring unique perspectives and insights to the discussions, covering various aspects of ecosystem-based disaster risk reduction and climate change adaptation and mitigation.

Thank you very much for considering our request. If you have any inquiries or need further information, please do not hesitate to contact us at 0977-012-7197 or via email at mdrrmvictoria2021@gmail.com. We look forward to your favorable response and the opportunity to collaborate with you in advancing our shared goals of promoting environmental resilience and sustainability.

Very truly yours,

NELSON A. ALBUERA, MPA
Municipal Administrator/ MDRRMO OIC







CAPACITY DEVELOPMENT TRAINING ON ECOSYSTEM-BASED DISASTER RISK REDUCTION AND CLIMATE CHANGE ADAPTATION AND MITIGATION

ATTENDANCE SHEET

October 29-30, 2024 | Canaan, Victoria, Oriental Mindoro

	NAME	GENDER	OFFICE	DESIGNATION/POSITION	CONTACT NO.	SIGNATURE	
						Oct 29, 2024	Oct 30, 2024
1.	REMEDIOS B. DATUHAN	F		LUPON			
2.	JOSEFIN C. ACQUINORAN	F		LUPON			
3.	LYDIA B. LOPEZ	F		LUPON			
4.	JOEBERT S. ORTEGA	M		TANOD			
5.	ROBERTO B. TAYAN	M		LUPON TANOD			
6.	LEONIDA V. ESTAY	F		LUPON			
7.	Julietta O. Bastingsa	F		LUPON			
8.	ELPIDIO D. RIVERA	M		LUPON			
9.	BOB REYNA M. VENTURA	F		BSI			
10.	MAXY GRACE ORTEGA	FEMALE		NGO			
11.	ROLANDO A. SACAPSON M.			DRIVER			
12.	CESARIO B. TAYAN	M		KAGAWAD			
13.	DELO P. BASTINGA	M		KAGAWAD			
14.	RICARDO FUMAMPAG	M		KAGAWAD			
15.	GUILLE LIAN	M		KAGAWAD			



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BAGONG PILIPINAS

	NAME	GENDER	OFFICE	DESIGNATION/POSITION	CONTACT NO.	SIGNATURE	
						Oct 29, 2024	Oct 30, 2024
16.	MARLON P. LAGSKE	M		KAGAWAD			
17.	SHIRLEY N. LIDEIN	F		KAGAWAD			
18.	Gigi I. Abeja	F		CDW			
19.	RANDY O. PADUA	M		KAGAWAD			
20.	Fe M. Ortega	F		Treasurer			
21.	HEZEL B. AMBAS	F		Brgy. Secretary			
22.	EUGENIO V. SIXTO	M		PUNONG BAYAN			
23.	RICARDO F. MATUPA	M		KAGAWAD			
24.	LEONILYN E. EYBAN	F		LUPON			
25.	Elpidio D. Lidein	M		LUPON			
26.	MIRIAM DAPU	F		LUPON			
27.	Agustina Galang	M		Tanod			
28.	Adela T. Suncion	F		CD BNS			
29.	Rosalie Ambruso	F		BHW			
30.	LEONILA GABRIEL	F		BHW			
31.	JANE VILLANUEVA	F		BHW			
32.	May Jane Saluter	F		BHW			
33.	ROSELYN JOY GONZALEZ	F		BHW			
34.	MARCELOS TIMBANG	M		BHW			

•Main Campus, Alcate, Victoria

•Bongabong Campus, Labasan, Bongabong

•Calapan City Campus, Masipit, Calapan City



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BAGONG PILIPINAS

	NAME	GENDER	OFFICE	DESIGNATION/POSITION	CONTACT NO.	SIGNATURE	
						Oct 29, 2024	Oct 30, 2024
35.	Balba, Kristille Joyce	F	Minsu - Main Campus	Student			
36.	Barrera, Shiela Mae	F	Minsu - Main Campus	Student			
37.	Bayabay, Lea Jane	F	Minsu - Main Campus	Student			
38.	Cabungcal, Anianne Marie	F	Minsu - Main Campus	Student			
39.	Magcamit, Shane Erika	F	Minsu - Main Campus	Student			
40.	Magina, Romelyn Rose	F	Minsu - Main Campus	Student			
41.	Tabaco, Mary Jane	F	Minsu - Main Campus	Student			
42.	Fedacan, Paul Ivan F.	M	Minsu - Main Campus	Student			
43.	Magcamit, Shane Erika G.	F	Minsu - Main Campus	Student			
44.	Magina, Romelyn Rose B	F	Minsu - Main Campus	Student			
45.	Leonila F. Gabriel	F	BHW	BHW			
46.	Diana Oltan	F	BHW	BHW			
47.	Morie Pablo	M	TANOD	TANOD			
48.							
49.							
50.							

•Main Campus, Alcate, Victoria

•Bongabong Campus, Labasan, Bongabong

•Calapan City Campus, Masipit, Calapan City



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October 28, 2024

TRAVEL ORDER

In the interest of the service and with duly approved request for an authority to travel with Control No. 10-R108 the following personnel, is hereby authorized to travel on October 29-31 to serve as Resource Dean/Facilitator for the Ecosystem-based Disaster Risk Reduction Management Training at Brgy. Canaan, Victoria, Oriental Mindoro.

Name	Position
ENGR. WILMA C. DELOS SANTOS	Associate Professor IV
MS. JAESMA A. ASINAS	Instructor III
MR. ROSS CHRISTIAN C. MANUEL	Instructor I
DR. RANDY A. QUITAIN	Associate Professor II
MR. MELVIN AGUBA	Instructor I
MS. ROFELIA T. ANTIOQUIA	Instructor I

- Vehicle to be used: Regular Transportation
- Date & Time of Departure: October 29, 2024; 7:30 am
- Expected Date & Time of Return: October 31, 2024; _____

In this regard, you are authorized to claim traveling and ~~other incidental expenses~~ chargeable against appropriate funds subject to rules and regulations provided in Executive Order (EO) No. 77 and MinSU Office Memorandum No. 001 series of 2020.

The Vice President for Academic Affairs of this University shall supervise the proper implementation of this order.

ENYA MARIE D. APÓSTOL, Ph. D.
SUC President III

OCT 29 2024