



PROVINCE OF ORIENTAL MINDORO
PROVINCIAL AGRICULTURIST'S OFFICE
Provincial Capitol Complex, Barangay Calindag, Calapan City 5200, Oriental Mindoro
Tel. No. +63 43 200 3262/200-7791 Fax No. +63 43 441 0740

07 March 2023

Levy B. Arago, Jr. Ph.D
University President
Mindoro State University
Alcate, Victoria
Oriental Mindoro 5205

Dear President Arago:

The DENR- Biodiversity Management Bureau in coordination with the PGOM thru Provincial Agriculturist's Office with will conduct assessment on the extent of damage of oil spill to marine ecosystems and its biodiversity. The said assessment will be done on **March 7-10, 2023** in coastal municipalities of Naujan, Pola, Pinamalayan, Bansud, Bongabong, Roxas, Mansalay, and Bulalacao.

In connection with this, may we request **Dr. Katherine Sanchez-Escalona PhD**, Environmental Planner, Open Water PADI Licensed Diver to join the assessment activities. For inquiries/darification, please contact Ms. Nerissa D. Cuna or Marivic F. Guntan, PAgo technical staff at telephone numbers 09517400900 and 09758907958 or email at fisheriesdiv2019@gmail.com.

Thank you for your usual support and commitment to fisheries and coastal resource management programs in the province.

Very truly yours,

Sgd

CHRISTINE M. PINE
Provincial Agriculturist

Mindoro State University
CERTIFIED COPY

MELGAR G. FADRQUELAN, LTE
Records Officer III

DATE: _____



Mindoro State University

Victoria, Oriental Mindoro 5205 Philippines

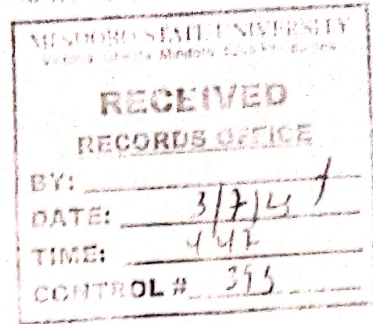
Email: universitypresident@minsu.edu.ph
Website: www.minsu.edu.ph
Mobile: +63 977 846 72 28

7 March 2023

DR. LEVY B. ARAGO, JR.
President
This University

Sir:

Greetings!



Regarding the attached, may we endorse the participation of the following personnel to the impact assessment of the oil spill in different coastal communities of the Province? Their class schedules had been arranged around their commitment to join. Rest assured that they were trained to do impact assessment as part of the human resource development under MCES.

Date	Aerial survey	Biological Survey	Social Survey
Mar-08	Robert Gardoce	fish : Kier Vhen Montante	
		coral: Kier Vhen Montante	
		seagrass: John Merhan	
		Seagrass: Joan Gasang	
		mangrove: Mervin Icalla	
Mar-09	John Merhan	fish: Maelen Mae Yadao	Jonbert
		coral: Kathy Escalona	
		seagrass: Kathy Escalona	
		Seagrass: Joan Gasang	
		mangrove: Mervin Icalla	
Mar-10	Robert Gardoce	fish: Maelen Mae Yadao	
		coral: Kier Vhen Montante	
		seagrass: John Merhan	
		Seagrass: Joan Gasang	
		mangrove : Mervin Icalla	

Thank you very much.

Very truly yours,

Sgd

KATHERINE P. SANCHEZ-ESCALONA, PhD, EnP
In-Charge, MCES

Recommending Approval:

Sgd

CHRISTIAN ANTHONY C. AGUTAYA, PhD
VPRED

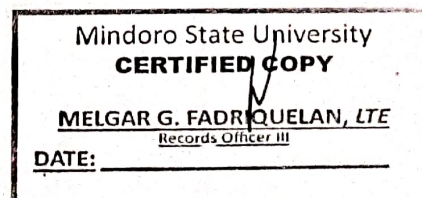
Approved/Disapproved

Date:

Sgd

LEVY B. ARAGO JR., PhD.
University President

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



Date Received: 03/10/2023
Subject: re: oil spill

Date Released: _____

iversitypresident@minsu.edu.ph
www.minsu.edu.ph
63 977 846 72 28

Date: _____
Venue: _____
Target Participant/s: _____
Registration fee: _____
Organizer: _____
Deadline of Submission/Confirmation/Registration: _____
Originator: Dr. Escalona
Others: _____

Remarks: _____

To: _____

- | | |
|--|---|
| ☐ For your information and appropriate action | ☐ For recommendation |
| ☐ For your guidance | ☐ For review, comments and suggestion |
| ☐ For comments | ☐ Please coordinate this with the other 2 |
| ☐ For review | Campuses |
| ☐ For your reference | ☐ For review, please discuss this to me |
| ☐ For file | ☐ Please come to OP, Bring this for discussion |
| ☐ For Dissemination | ☐ Please act on this thank you |
| ☒ Approved | |

Sgd

LEVY B. ARAGO Jr., Ph.D.
President

Main Campus, Alcala, Victoria • Bonrahon Campus, Laharan, Bonrahon • Calanan City Campus, Masinit, Calanan City

have calibrated our response,

Thank you very much.

Very truly yours,

Sgd

KATHERINE P. SANCHEZ-ESCALONA, PhD, EnP
In-Charge, MCES

Recommending Approval:

Sgd

CHRISTIAN ANTHONY C. AGUTAYA, PhD
VPRED

MINDORO STATE UNIVERSITY	
RECEIVED	
RECORDS OFFICE	
BY: _____	DATE: <u>3/20/23</u>
TIME: <u>4:34</u>	CONTROL #: <u>460</u>

mandated function. As
amount of oil beached
dated function, a more
system needs to be done

March 29, 2023:

n to cover
ites/Seagrass
tes/Seagrass
tes/Seagrass
tes/Seagrass
tes/Seagrass

the next step when we

Mindoro State University
CERTIFIED COPY
MELGAR G. FADRIQUELAN, LTE
Records Officer III
DATE: _____



20 March 2023

DR. LEVY B. ARAGO, JR.
President
This University

Sir:

Greetings!

The lingering oil spill incident forces us to respond within our mandated function. As of now, coastal communities of Pola are still receiving ample amount of oil beached to the shore. As knowledge generation is within our mandated function, a more thorough investigation on the impacts of oil to the coastal ecosystem needs to be done to become our basis on decision making.

In this regard, may we request the following to go on field on March 29, 2023:

Volunteers	Aspect/Ecosystem to cover
Katherine P. Sanchez-Escalona	Corals/Fish/Invertebrates/Seagrass
Milyn Grace P. Tamboong	Corals/Fish/Invertebrates/Seagrass
Mallen Mae B. Yadao	Corals/Fish/Invertebrates/Seagrass
Joan N. Gasang	Corals/Fish/Invertebrates/Seagrass
Mary Ann Royo	Corals/Fish/Invertebrates/Seagrass
Macarlo Masagca	Socio-econ
Mary Jane Plata-Herrera	Socio-econ
John Emmanuel M. Merhan	Mangroves
Walter C. Jatco	Mangroves
Christian B. Apostol	Mangroves
Klerven Fhred Montante	Drone
Arvin P. Tolentino	Drone

It is understood that the visit is initial and we will determine the next step when we have calibrated our response.

Thank you very much.

Very truly yours,

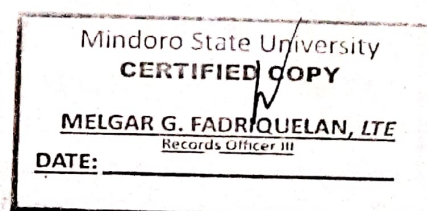
Sgd

KATHERINE P. SANCHEZ-ESCALONA, PhD, EnP
In-Charge, MCES

Recommending Approval:

Sgd

CHRISTIAN ANTHONY C. AGUTAYA, PhD
VPRED





Mindoro State University
Victoria, Oriental Mindoro 5205 Philippines

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March 29, 2023

TRAVEL ORDER

In the interest of the service and with duly approved request for an authority to travel with Control No. 03-082, the following personnel, is hereby authorized to travel on March 30-31, 2023 to continue engagement for response to the on-going oil spill at Barangay's in Pola, Oriental Mindoro.

Name	Position
Dr. Katherine P. Sanchez-Escalona	Project Leader/ Professor III
Ms. Milyn Grace P. Tamboong	Laboratory Aide I
Ms. Mailen Mae B. Yadao	Instructor I (MBC)
Ms. Joan N. Gasang	Instructor I (MBC)
Ms. Mary Ann Royo	Instructor I (MBC)
Ms. Mary Jane Plata-Herrera	Assistant Professor (MBC)
Mr. Macario B. Masagca	Director for Research/ Instructor I
Mr. John Emmanuel M. Merhan	Science Research Assistant
Mr. Kierven Flied H. Montante	Laboratory Aide II
Mr. Arvin Tolentino	Associate Professor II
Ms. Liezel Macalalad	Instructor I
Ms. Jaesma Asinas	Instructor I
Dr. Christian Apostol	Assistant Professor III
Mr. Walter Jatico	Instructor I

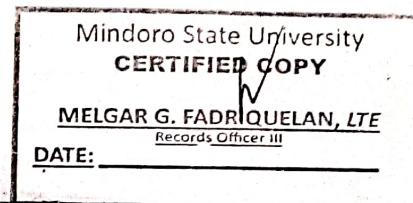
- Vehicle to be used: : Hi-Ace GL Grandia White (SAA 2932)
- Date & Time of Departure : March 30, 2023; 5:00 am
- Expected Date & Time of Return : March 31, 2023; _____

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 Research Development and Extension of this University shall supervise the proper implementation of this order.

Sgd

LEVY B. ARAGO Jr., Ph.D.
University President





Mindoro State University

Victoria, Oriental Mindoro 5205, Philippines

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12 April 2023

DR. LEVY B. ARAGO, JR.
President
This University

Sir:

Greetings!

We wish to continue the MCES' effort of gathering baseline ecological and social data with the on-going oil spill in our marine waters. We are already done profiling in Pola and in the process of organizing the data for presentation.

In this regard, may we request travel on 18 April to be able to cover Pili in Pinamalayan, and Masaguisi MPA in Bongabong. The following are the volunteers for this assessment leg:

Volunteers	Aspect/Ecosystem to cover
Katherine P. Sanchez-Escalona	Corals/Fish/Invertebrates/Seagrass
Milyn Grace P. Tamboong	Corals/Fish/Invertebrates/Seagrass
Joan N. Gasang	Corals/Fish/Invertebrates/Seagrass
Mary Ann Royo	Corals/Fish/Invertebrates/Seagrass
Macario Masagca	Socio-econ
Lizel Macalalad	Socio-econ
Mary Jane Plata-Herrera	Socio-econ
Zara Cruzado	Socio-econ
John Emmanuel M. Merhan	Mangroves
Jaesma Asinas	Mangroves

Thank you very much.

Very truly yours,

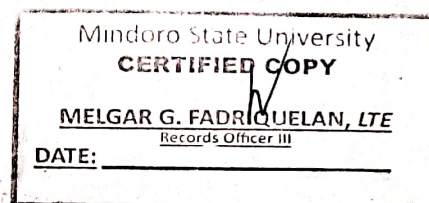
Sgd

KATHERINE P. SANCHEZ-ESCALONA
MCES In-Charge

Recommending/Approval: /

Sgd

CHRISTIAN ANTHONY C. AGUTAYA, PhD
VPRED



Approved:
Sgd
[Signature]



Mindoro State University
Victoria, Oriental Mindoro 6205 Philippines

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Mobile: +63 977 846 727 28

April 14, 2023

TRAVEL ORDER

In the interest of the service and with duly approved request for an authority to travel with Control No. 04-042, the following personnel, is hereby authorized to travel on April 18, 2023 to continue engagement for response to the on-going oil spill at Tagumpay, Pola, Pinamalayan and Bongabong, Oriental Mindoro.

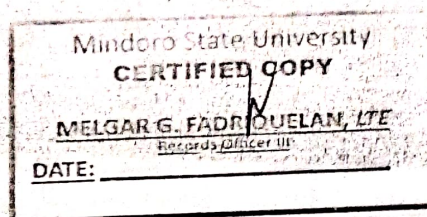
Name	Position
Dr. Katherine P. Sanchez-Escalona	Project Leader/ Professor III
Ms. Milyn Grace P. Tamboong	Laboratory Aide I
Ms. Joan N. Gasang	Instructor I (MBC)
Ms. Mary Ann Royo	Instructor I (MBC)
Ms. Mary Jane Plata-Herrera	Assistant Professor (MBC)
Mr. Macario B. Masagca	Director for Research/ Instructor I
Mr. John Emmanuel M. Morhan	Science Research Assistant
Ms. Zarah Cruzado	Instructor I (MBC)
Ms. Liozel Macalalad	Instructor I
Ms. Jaesma Asinas	Instructor I

- Vehicle to be used: Hi-Aco GL Grandia White (SAA 2932)
- Date & Time of Departure: April 18, 2023; 5:00 am
- Expected Date & Time of Return: April 18, 2023;

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 Research Development and Extension of this University shall supervise the proper implementation of this order.


Sgd
LEVY B. ARAGO Jr., Ph.D.
University President





Mindoro State University

Victoria, Oriental Mindoro 5205, Philippines

Email: universitypresident@mnsu.edu.ph

Website: www.mnsu.edu.ph

Mobile: 093 972 846 22 20

3 May 2023

DR. LEVY B. ARAGO, JR.
President
This University

Sir:

Greetings!

We wish to continue the MCES' effort of gathering baseline ecological and social data with the on-going oil spill in our marine waters. We are already done profiling in Bongabong and in the process of organizing the data for presentation.

In this regard, may we request travel on 5 May to be able to cover Ranzo MPA in Pinamalayan, and. The following are the volunteers for this assessment leg:

Volunteers	Aspect/Ecosystem to cover
Katherine P. Sanchez-Escalona	Corals/Fish/Invertebrates/Seagrass
Milyn Grace P. Tamboong	Corals/Fish/Invertebrates/Seagrass
Joan N. Gasang	Corals/Fish/Invertebrates/Seagrass
Mary Ann Royo	Corals/Fish/Invertebrates/Seagrass
Macario Masagca	Socio-econ
Lizel Macalalad	Socio-econ
Mary Jane Plata-Herrera	Socio-econ
Zara Cruzado	Socio-econ
John Emmanuel M. Merhan	Mangroves
Jaesma Asinas	Mangroves
Arvin P. Tolentino	Drone

Thank you very much.

Very truly yours,

Sgd

KATHERINE P. SANCHEZ-ESCALONA
MCES In-Charge

Recommending Approval:

Sgd

✓ CHRISTIAN ANTHONY C. AGUTAYA, PhD
VPRED

Approved

5/5/2023

Sgd

perman
etc - op

PhD

Main Campus, Alente, Victoria

Bongabong, Calapan

Calapan City Campus, Masapit, Calapan City

Mindoro State University

CERTIFIED COPY

MELGAR G. FADRIQUELAN, LTe

DATE: _____



Mindoro State University
Victoria, Oriental Mindoro 5205 Philippines

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Website: www.mnsu.edu.ph
Mobile: +63 977 846 727 28

May 3, 2023

TRAVEL ORDER

In the interest of the service and with duly approved request for an authority to travel with Control No. 05-012, the following personnel, is hereby authorized to travel on May 5, 2023 to response to the on-going affected areas of oil spill and gather data for mangroves and seagrass at Ranzo, Pinamalayan and Tagumpay, Pola, Oriental Mindoro.

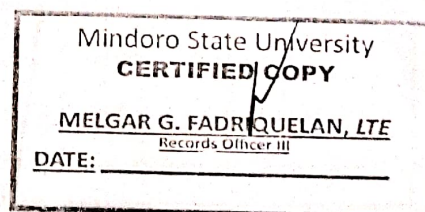
Name	Position
Dr. Katherine P. Sanchez-Escalona	Project Leader/ Professor III
Ms. Milyn Grace P. Tamboong	Laboratory Aide I
Ms. Joan N. Gasang	Instructor I (MBC)
Ms. Mary Ann Royo	Instructor I (MBC)
Ms. Mary Jane Plata-Herrera	Assistant Professor (MBC)
Mr. Macario B. Masagca	Director for Research/ Instructor I
Mr. John Emmanuel M. Merhan	Science Research Assistant
Ms. Zarah Cruzado	Instructor I (MBC)
Ms. Liezel Macalalad	Instructor I
Ms. Jaesma Asinas	Instructor I
Mr. Arvin Tolentino	Associate Professor II

- Vehicle to be used: : Isuzu Sportivo (SJP 361)
- Date & Time of Departure : May 5, 2023; 5:00 am
- Expected Date & Time of Return : May 5, 2023; _____

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 Research Development and Extension of this University shall supervise the proper implementation of this order.

11
Sgd
LEVY B. ARAÑO Jr., Ph.D.
University President





Mindoro State University

Victoria, Oriental Mindoro 5201, Philippines

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Mobile: 093 977 046 72 28

9 May 2023

DR. LEVY B. ARAGO, JR.
President
This University

Sir,

Greetings!

We wish to continue the MCES' effort of gathering baseline ecological and social data with the on-going oil spill in our marine waters. We are already done profiling in Pinamalayan and in the process of organizing the data for presentation.

In this regard, may we request travel on 11 May to be able to cover San Jose, Melgar, Makapili, Montemayor, Masaguig and Herrera, Naujan. The following are the volunteers for this assessment leg:

Volunteers	Aspect/Ecosystem to cover
Katherine P. Sanchez-Escalona	Corals/Fish/Invertebrates/Seagrass
Milyn Grace P. Tamboong	Corals/Fish/Invertebrates/Seagrass
Joan N. Gasang	Corals/Fish/Invertebrates/Seagrass
Mary Ann Royo	Corals/Fish/Invertebrates/Seagrass
Macario Masagca	Socio-econ
Liezel Macalalad	Socio-econ
Mary Jane Plata-Herrera	Socio-econ
Zarah Cruzado	Socio-econ
John Emmanuel M. Merhan	Mangroves
Jaesma Asinas	Mangroves
Arvin P. Tolentino	Drone

Thank you very much.

Very truly yours,

Sgd

KATHERINE P. SANCHEZ-ESCALONA
MCES In-Charge

Recommending Approval:

Sgd

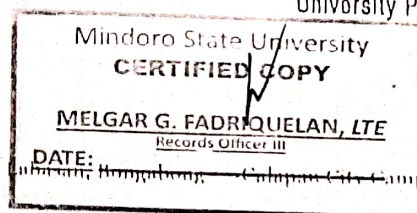
CHRISTIAN ANTHONY C. AGUTAYA, PhD
VPRED

Approved/Disapproved

Date:

Sgd

LEVY B. ARAGO JR., Ph.D.
University President



Main Campus, Alente, Victoria • Bongabong Campus, Bongabong • Calapan City Campus, Masipit, Calapan City



Mindoro State University
Victoria, Oriental Mindoro 5205, Philippines

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May 10, 2023

TRAVEL ORDER

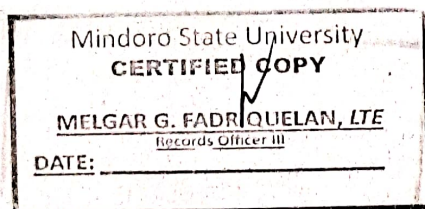
In the interest of the service and with duly approved request for an authority to travel with Control No. 05 025, the following personnel, is hereby authorized to travel on May 11, 2023 to continue gathering baseline ecological and social data with the on-going oil spill in marine waters in Naujan at San Jose, Melgar, Makapiti, Montemayor, Masaguling and Herrera, Naujan, Oriental Mindoro.

Name	Position
Dr. Katherine P. Sanchez-Escalona	Project Leader/ Corals/Fish/Invertebrates/Seagrass
Ms. Milyn Grace P. Tamboong	Corals/Fish/Invertebrates/Seagrass
Ms. Joan N. Gasang	Corals/Fish/Invertebrates/Seagrass
Ms. Mary Ann Royo	Corals/Fish/Invertebrates/Seagrass
Ms. Mary Jane Plata-Herrera	Socio-econ
Mr. Macario B. Masagca	Socio-econ
Mr. John Emmanuel M. Morhan	Mangroves
Ms. Zarah Cruzado	Socio-econ
Ms. Jaosma Asinas	Mangroves
Mr. Arvin Tolentino	Drone

- Vehicle to be used: Hi-Ace Commuter Deluxe (P5 M811)
- Date & Time of Departure: May 11, 2023; 6:00 am
- Expected Date & Time of Return: May 11, 2023; _____

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 Research Development and Extension of this University shall supervise the proper implementation of this order.



Sgd
LEVY B. ARAGO, Jr., Ph.D.
University President



Mindoro State University

Victoria, Oriental Mindoro, Philippines

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Website: www.mmsu.edu.ph

Mobile: +63 922 846 22 00

12 May 2023

DR. LEVY B. ARAGO, JR.

President

This University

Sir,

Greetings!

We wish to continue the MCES' effort of gathering baseline ecological and social data with the on-going oil spill in our marine waters. We are already done profiling in Naujan and in the process of organizing the data for presentation.

In this regard, may we request travel on 19 May to be able to cover Calapan City. The following are the volunteers for this assessment leg.

Volunteers	Aspect/Ecosystem to cover
Katherine P. Sanchez-Escalona	Corals/Fish/Invertebrates/Seagrass
Milyn Grace P. Tamboong	Corals/Fish/Invertebrates/Seagrass
Joan N. Gasang	Corals/Fish/Invertebrates/Seagrass
Mary Ann Royo	Corals/Fish/Invertebrates/Seagrass
Mailen Mae Yadao	Corals/Fish/Invertebrates/Seagrass
Macario Masagca	Socio-econ
Liesel Macalalad	Socio-econ
Mary Jane Plata-Herrera	Socio-econ
Zarah Cruzado	Socio-econ
John Emmanuel M. Merhan	Mangroves
Jaesma Asinas	Mangroves
Christian B. Apostol	Mangroves
Walter C. Jatico	Mangroves
Arvin P. Tolentino	Drone

Thank you very much.

Very truly yours,

Sgd

KATHERINE P. SANCHEZ-ESCALONA
MCES In-Charge

Approved/Disapproved

Recommending Approval

Sgd

CHRISTIAN ANTHONY C. AGUTAYA, PhD
VPRED

Sgd

Mindoro State University
CERTIFIED COPY
University President

MELGAR G. FADRIQUELAN, LTe
Records Officer III

DATE: _____

TRAVEL ORDER

In the interest of the service and with duly approved request for an authority to travel, the following personnel, is hereby authorized to travel on May 19, 2023 to continue the M.A. research on ecological and social data with the on going oil spill in our marine waters at Calapan City, Oriental Mindoro.

Name	Position
Dr. Katherine P. Sanchez-Escalona	Corals/Fish/Invertebrates/Seagrass
Ms. Milyn Grace P. Tamboong	Corals/Fish/Invertebrates/Seagrass
Ms. Joan N. Gasang	Corals/Fish/Invertebrates/Seagrass
Ms. Mary Ann Royo	Corals/Fish/Invertebrates/Seagrass
Ms. Mailen Mae Yadao	Corals/Fish/Invertebrates/Seagrass
Ms. Mary Jane Plata-Herrera	Socio-econ
Mr. Macario B. Masagca	Socio-econ
Mr. John Emmanuel M. Merhan	Mangroves
Ms. Zarah Cruzado	Socio-econ
Ms. Liezel Macalalad	Socio-econ
Ms. Jaesma Asinas	Mangroves
Mr. Arvin Tolentino	Drone
Mr. Christian Apostol	Mangroves
Mr. Walter Jatico	Mangroves

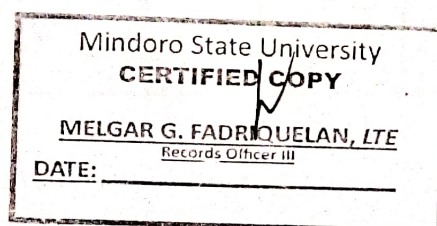
- Vehicle to be used: : Hi-Ace Commuter Deluxe (P5 M811)
- Date & Time of Departure : May 19, 2023; 6:00 am
- Expected Date & Time of Return : May 19, 2023; _____

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

The Vice President for Research Development and Extension of this University shall supervise the implementation of this order.

M N
 Sgd

LEWY B. ARAVO Jr., Ph.D.
 University President



Transect Transect 1.
No: 2
Recorder Katherine
Date: March 30,

Misong
Barangay
Oriental Mindoro
Province

Date	Municipality	site	location	Transect	Quadrat	Species Composition	% Cover/ Species	Total Percentage Cover
March 30, 2023	Pola	Misong	N 13°13'47.95", E 121°25'44.89"	1	1	0	0%	0%
March 30, 2023	Pola	Misong	N 13°13'47.95", E 121°25'44.89"	1	2	0	0%	0%
March 30, 2023	Pola	Misong	N 13°13'47.95", E 121°25'44.89"	1	3	0	0%	0%
March 30, 2023	Pola	Misong	N 13°13'47.95", E 121°25'44.89"	1	5	0	0%	0%
March 30, 2023	Pola	Misong	N 13°13'47.95", E 121°25'44.89"	1	6	0	0%	0%
March 30, 2023	Pola	Misong	N 13°13'47.95", E 121°25'44.89"	1	7	0	0%	0%
March 30, 2023	Pola	Misong	N 13°13'47.95", E 121°25'44.89"	1	8	Halodule uninervis	40%	40%
March 30, 2023	Pola	Misong	N 13°13'47.95", E 121°25'44.89"	1	9	Halodule uninervis	40%	40%
March 30, 2023	Pola	Misong	N 13°13'47.95", E 121°25'44.89"	1	10	Halodule uninervis	20%	20%
March 30, 2023	Pola	Misong	N 13°13'47.95", E 121°25'44.89"	1	11	Halodule uninervis	20%	40%
March 30, 2023	Pola	Misong	N 13°13'47.95", E 121°25'44.89"	1	11	Cymodocea rotundata	20%	40%
March 30, 2023	Pola	Misong	N 13°13'47.95", E 121°25'44.89"	1	12	Cymodocea serrulata	30%	40%
March 30, 2023	Pola	Misong	N 13°13'47.95", E 121°25'44.89"	1	12	Halodule uninervis	10%	
March 30, 2023	Pola	Misong	N 13°13'47.95", E 121°25'44.89"	1	13	Halodule uninervis	25%	26%
March 30, 2023	Pola	Misong	N 13°13'47.95", E 121°25'44.89"	1	13	Halophila ovalis	1%	15%
March 30, 2023	Pola	Misong	N 13°13'47.95", E 121°25'44.89"	1	14	Halodule uninervis	10%	
March 30, 2023	Pola	Misong	N 13°13'47.95", E 121°25'44.89"	1	14	Halophila ovalis	5%	
March 30, 2023	Pola	Misong	N 13°13'47.95", E 121°25'44.89"	1	15	Halodule uninervis	10%	41%
March 30, 2023	Pola	Misong	N 13°13'47.95", E 121°25'44.89"	1	15	Halodule pinifolia	30%	
March 30, 2023	Pola	Misong	N 13°13'47.95", E 121°25'44.89"	1	15	Halophila ovalis	1%	
March 30, 2023	Pola	Misong	N 13°13'47.95", E 121°25'44.89"	2	1	Cymodocea rotundata	5%	5%
March 30, 2023	Pola	Misong	N 13°13'47.95", E 121°25'44.89"	2	2	Cymodocea rotundata	3%	5%
March 30, 2023	Pola	Misong	N 13°13'47.95", E 121°25'44.89"	2	2	Halodule uninervis	2%	
March 30, 2023	Pola	Misong	N 13°13'47.95", E 121°25'44.89"	2	3	Cymodocea rotundata	15%	50%
March 30, 2023	Pola	Misong	N 13°13'47.95", E 121°25'44.89"	2	3	Halodule uninervis	30%	
March 30, 2023	Pola	Misong	N 13°13'47.95", E 121°25'44.89"	2	3	Halophila ovalis	5%	

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March 30, 2023	Pola	Misong	N 13°13'47.95", E 121°25'44.89"	2	4	<i>Cymodocea rotundata</i>	1%	55%
March 30, 2023	Pola	Misong	N 13°13'47.95", E 121°25'44.89"	2	4	<i>Halodule uninervis</i>	49%	
March 30, 2023	Pola	Misong	N 13°13'47.95", E 121°25'44.89"	2	4	<i>Halophila ovalis</i>	5%	
March 30, 2023	Pola	Misong	N 13°13'47.95", E 121°25'44.89"	2	5	<i>Cymodocea rotundata</i>	10%	60%
March 30, 2023	Pola	Misong	N 13°13'47.95", E 121°25'44.89"	2	5	<i>Halodule uninervis</i>	5%	
March 30, 2023	Pola	Misong	N 13°13'47.95", E 121°25'44.89"	2	5	<i>Halophila ovalis</i>	5%	
March 30, 2023	Pola	Misong	N 13°13'47.95", E 121°25'44.89"	2	5	<i>Halodule pinifolia</i>	35%	
March 30, 2023	Pola	Misong	N 13°13'47.95", E 121°25'44.89"	2	5	<i>Thalassia hemprichii</i>	5%	
March 30, 2023	Pola	Misong	N 13°13'47.95", E 121°25'44.89"	2	6	<i>Cymodocea rotundata</i>	5%	45%
March 30, 2023	Pola	Misong	N 13°13'47.95", E 121°25'44.89"	2	6	<i>Halodule uninervis</i>	25%	
March 30, 2023	Pola	Misong	N 13°13'47.95", E 121°25'44.89"	2	6	<i>Halophila ovalis</i>	15%	
March 30, 2023	Pola	Misong	N 13°13'47.95", E 121°25'44.89"	2	7	<i>Cymodocea rotundata</i>	5%	30%
March 30, 2023	Pola	Misong	N 13°13'47.95", E 121°25'44.89"	2	7	<i>Halodule uninervis</i>	10%	
March 30, 2023	Pola	Misong	N 13°13'47.95", E 121°25'44.89"	2	7	<i>Halophila ovalis</i>	5%	
March 30, 2023	Pola	Misong	N 13°13'47.95", E 121°25'44.89"	2	7	<i>Thalassia hemprichii</i>	10%	
March 30, 2023	Pola	Misong	N 13°13'47.95", E 121°25'44.89"	2	7	<i>Cymodocea rotundata</i>	3%	25%
March 30, 2023	Pola	Misong	N 13°13'47.95", E 121°25'44.89"	2	8	<i>Halodule uninervis</i>	15%	
March 30, 2023	Pola	Misong	N 13°13'47.95", E 121°25'44.89"	2	8	<i>Halophila ovalis</i>	1%	
March 30, 2023	Pola	Misong	N 13°13'47.95", E 121°25'44.89"	2	8	<i>Syringodium isoetifolium</i>	1%	
March 30, 2023	Pola	Misong	N 13°13'47.95", E 121°25'44.89"	2	8	<i>Thalassia hemprichii</i>	5%	
March 30, 2023	Pola	Misong	N 13°13'47.95", E 121°25'44.89"	2	9	<i>Cymodocea rotundata</i>	4%	20%
March 30, 2023	Pola	Misong	N 13°13'47.95", E 121°25'44.89"	2	9	<i>Halodule uninervis</i>	10%	
March 30, 2023	Pola	Misong	N 13°13'47.95", E 121°25'44.89"	2	9	<i>Halophila ovalis</i>	2%	
March 30, 2023	Pola	Misong	N 13°13'47.95", E 121°25'44.89"	2	9	<i>Thalassia hemprichii</i>	4%	
March 30, 2023	Pola	Misong	N 13°13'47.95", E 121°25'44.89"	2	10	<i>Halodule uninervis</i>	30%	45%
March 30, 2023	Pola	Misong	N 13°13'47.95", E 121°25'44.89"	2	10	<i>Halophila ovalis</i>	5%	
March 30, 2023	Pola	Misong	N 13°13'47.95", E 121°25'44.89"	2	10	<i>Thalassia hemprichii</i>	10%	
March 30, 2023	Pola	Misong	N 13°13'47.95", E 121°25'44.89"	2	11	<i>Halodule uninervis</i>	25%	40%
March 30, 2023	Pola	Misong	N 13°13'47.95", E 121°25'44.89"	2	11	<i>Thalassia hemprichii</i>	10%	
March 30, 2023	Pola	Misong	N 13°13'47.95", E 121°25'44.89"	2	11	<i>Cymodocea rotundata</i>	5%	
March 30, 2023	Pola	Misong	N 13°13'47.95", E 121°25'44.89"	3	1	0	0%	0%
March 30, 2023	Pola	Misong	N 13°13'47.95", E 121°25'44.89"	3	2	0	0%	0%

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March 30, 2023	Pola	Misong	N 13°13'47.95"; E 121°25'44.89"	3	3	<i>Cymodocea rotundata</i>	2%	3%
March 30, 2023	Pola	Misong	N 13°13'47.95"; E 121°25'44.89"	3	3	<i>Halodule uninervis</i>	1%	
March 30, 2023	Pola	Misong	N 13°13'47.95"; E 121°25'44.89"	3	4	<i>Cymodocea rotundata</i>	2%	10%
March 30, 2023	Pola	Misong	N 13°13'47.95"; E 121°25'44.89"	3	4	<i>Halodule uninervis</i>	8%	
March 30, 2023	Pola	Misong	N 13°13'47.95"; E 121°25'44.89"	3	5	<i>Cymodocea rotundata</i>	3%	6%
March 30, 2023	Pola	Misong	N 13°13'47.95"; E 121°25'44.89"	3	5	<i>Halodule uninervis</i>	1%	
March 30, 2023	Pola	Misong	N 13°13'47.95"; E 121°25'44.89"	3	5	<i>Thalassia hemprichii</i>	1%	
March 30, 2023	Pola	Misong	N 13°13'47.95"; E 121°25'44.89"	3	5	<i>Halophila ovalis</i>	1%	
March 30, 2023	Pola	Misong	N 13°13'47.95"; E 121°25'44.89"	3	6	<i>Cymodocea rotundata</i>	15%	20%
March 30, 2023	Pola	Misong	N 13°13'47.95"; E 121°25'44.89"	3	6	<i>Halodule uninervis</i>	5%	
March 30, 2023	Pola	Misong	N 13°13'47.95"; E 121°25'44.89"	3	7	<i>Cymodocea rotundata</i>	8%	20%
March 30, 2023	Pola	Misong	N 13°13'47.95"; E 121°25'44.89"	3	7	<i>Halodule uninervis</i>	10%	
March 30, 2023	Pola	Misong	N 13°13'47.95"; E 121°25'44.89"	3	7	<i>Thalassia hemprichii</i>	2%	22%

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Transect
No: Transect 1-2
Recorder Katherine
Date: March 23, 2023

Location
Site Calima
Pola
Barangay
Oriental Mindoro
Province

Date	Municipality	site	location	Transect	Quadrat	Species Composition	% Cover/ Species	Total Percentage Cover
March 23, 2023	Pola	Calima	N 13°08'15.91", E 121°28'39.69"	1	1	<i>Syringodium isoetifolium</i>	20%	80%
March 23, 2024	Pola	Calima	N 13°08'15.91", E 121°28'39.69"	1	1	<i>Halodule uninervis</i>	30%	80%
March 23, 2025	Pola	Calima	N 13°08'15.91", E 121°28'39.69"	1	1	<i>Halodule pinifolia</i>	30%	80%
March 23, 2026	Pola	Calima	N 13°08'15.91", E 121°28'39.69"	1	2	<i>Syringodium isoetifolium</i>	5%	75%
March 23, 2027	Pola	Calima	N 13°08'15.91", E 121°28'39.69"	1	2	<i>Halodule uninervis</i>	30%	75%
March 23, 2028	Pola	Calima	N 13°08'15.91", E 121°28'39.69"	1	2	<i>Halodule pinifolia</i>	40%	75%
March 23, 2029	Pola	Calima	N 13°08'15.91", E 121°28'39.69"	1	3	<i>Syringodium isoetifolium</i>	5%	80%
March 23, 2030	Pola	Calima	N 13°08'15.91", E 121°28'39.69"	1	3	<i>Halodule uninervis</i>	20%	80%
March 23, 2031	Pola	Calima	N 13°08'15.91", E 121°28'39.69"	1	3	<i>Halodule pinifolia</i>	50%	80%
March 23, 2032	Pola	Calima	N 13°08'15.91", E 121°28'39.69"	1	3	<i>Halophila ovalis</i>	5%	80%
March 23, 2033	Pola	Calima	N 13°08'15.91", E 121°28'39.69"	1	4	<i>Syringodium isoetifolium</i>	5%	30.00%
March 23, 2034	Pola	Calima	N 13°08'15.91", E 121°28'39.69"	1	4	<i>Halodule uninervis</i>	5%	30.00%
March 23, 2035	Pola	Calima	N 13°08'15.91", E 121°28'39.69"	1	4	<i>Halodule pinifolia</i>	20%	40%
March 23, 2036	Pola	Calima	N 13°08'15.91", E 121°28'39.69"	1	5	<i>Syringodium isoetifolium</i>	10%	40%
March 23, 2037	Pola	Calima	N 13°08'15.91", E 121°28'39.69"	1	5	<i>Halodule uninervis</i>	20%	40%
March 23, 2038	Pola	Calima	N 13°08'15.91", E 121°28'39.69"	1	6	<i>Syringodium isoetifolium</i>	5%	40%
March 23, 2039	Pola	Calima	N 13°08'15.91", E 121°28'39.69"	1	6	<i>Halodule uninervis</i>	5%	40%
March 23, 2040	Pola	Calima	N 13°08'15.91", E 121°28'39.69"	1	7	<i>Syringodium isoetifolium</i>	5%	20%
March 23, 2041	Pola	Calima	N 13°08'15.91", E 121°28'39.69"	1	7	<i>Halodule pinifolia</i>	5%	20%
March 23, 2042	Pola	Calima	N 13°08'15.91", E 121°28'39.69"	1	8	<i>Syringodium isoetifolium</i>	10%	80%
March 23, 2043	Pola	Calima	N 13°08'15.91", E 121°28'39.69"	1	8	<i>Halodule uninervis</i>	10%	80%
March 23, 2044	Pola	Calima	N 13°08'15.91", E 121°28'39.69"	1	8	<i>Halodule pinifolia</i>	60%	80%
March 23, 2045	Pola	Calima	N 13°08'15.91", E 121°28'39.69"	1	9	<i>Syringodium isoetifolium</i>	10%	80%
March 23, 2046	Pola	Calima	N 13°08'15.91", E 121°28'39.69"	1	9	<i>Halodule uninervis</i>	10%	80%
March 23, 2047	Pola	Calima	N 13°08'15.91", E 121°28'39.69"	1	9	<i>Halodule pinifolia</i>	10%	80%
March 23, 2048	Pola	Calima	N 13°08'15.91", E 121°28'39.69"	1	9	<i>Syringodium isoetifolium</i>	10%	80%

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Transect Transect
 No: t 1-2
 Recorder Katheri
 Date: March

Location
 Site
Pola
 Municipality

Putting Cacao
 Barangay
Oriental Mindor
 Province

Date	Municipality	Site	location	Transect	Quadrat	Species Composition	% Cover/ Species	total Percentage Cov
March 30, 2023	Pola	Putting Cacao	N 13°12'44.52", E 121°26'26.98"	1	1	<i>Cymodocea rotundata</i>	40%	40%
March 30, 2023	Pola	Putting Cacao	N 13°12'44.52", E 121°26'26.98"	1	2	<i>Halodule pinifolia</i>		10%
March 30, 2023	Pola	Putting Cacao	N 13°12'44.52", E 121°26'26.98"	1	2	<i>Cymodocea rotundata</i>	60%	50%
March 30, 2023	Pola	Putting Cacao	N 13°12'44.52", E 121°26'26.98"	1	2	<i>Halodule pinifolia</i>		10%
March 30, 2023	Pola	Putting Cacao	N 13°12'44.52", E 121°26'26.98"	1	3	<i>Cymodocea rotundata</i>	30%	10%
March 30, 2023	Pola	Putting Cacao	N 13°12'44.52", E 121°26'26.98"	1	3	<i>Halodule pinifolia</i>		20%
March 30, 2023	Pola	Putting Cacao	N 13°12'44.52", E 121°26'26.98"	1	4	<i>Cymodocea rotundata</i>	75%	65%
March 30, 2023	Pola	Putting Cacao	N 13°12'44.52", E 121°26'26.98"	1	4	<i>Halodule pinifolia</i>		10%
March 30, 2023	Pola	Putting Cacao	N 13°12'44.52", E 121°26'26.98"	1	5	<i>Cymodocea rotundata</i>	55%	50%
March 30, 2023	Pola	Putting Cacao	N 13°12'44.52", E 121°26'26.98"	1	5	<i>Halodule pinifolia</i>		5%
March 30, 2023	Pola	Putting Cacao	N 13°12'44.52", E 121°26'26.98"	1	6	<i>Cymodocea rotundata</i>	65%	60%
March 30, 2023	Pola	Putting Cacao	N 13°12'44.52", E 121°26'26.98"	1	6	<i>Halodule pinifolia</i>		5%
March 30, 2023	Pola	Putting Cacao	N 13°12'44.52", E 121°26'26.98"	1	7	<i>Cymodocea rotundata</i>	70%	55%
March 30, 2023	Pola	Putting Cacao	N 13°12'44.52", E 121°26'26.98"	1	7	<i>Halodule pinifolia</i>		15%
March 30, 2023	Pola	Putting Cacao	N 13°12'44.52", E 121°26'26.98"	1	8	<i>Cymodocea rotundata</i>	35%	30%
March 30, 2023	Pola	Putting Cacao	N 13°12'44.52", E 121°26'26.98"	1	8	<i>Halodule pinifolia</i>		5%
March 30, 2023	Pola	Putting Cacao	N 13°12'44.52", E 121°26'26.98"	1	9	<i>Cymodocea rotundata</i>	70%	50%
March 30, 2023	Pola	Putting Cacao	N 13°12'44.52", E 121°26'26.98"	1	9	<i>Halodule pinifolia</i>		20%
March 30, 2023	Pola	Putting Cacao	N 13°12'44.52", E 121°26'26.98"	1	10	<i>Cymodocea rotundata</i>	90%	80%
March 30, 2023	Pola	Putting Cacao	N 13°12'44.52", E 121°26'26.98"	1	10	<i>Halodule pinifolia</i>		10%
March 30, 2023	Pola	Putting Cacao	N 13°12'44.52", E 121°26'26.98"	1	11	<i>Cymodocea rotundata</i>	80%	60%
March 30, 2023	Pola	Putting Cacao	N 13°12'44.52", E 121°26'26.98"	1	11	<i>Halodule pinifolia</i>		20%
March 30, 2023	Pola	Putting Cacao	N 13°12'44.52", E 121°26'26.98"	2	1	<i>Cymodocea rotundata</i>	25%	25%
March 30, 2023	Pola	Putting Cacao	N 13°12'44.52", E 121°26'26.98"	2	2	<i>Cymodocea rotundata</i>	5%	5%
March 30, 2023	Pola	Putting Cacao	N 13°12'44.52", E 121°26'26.98"	2	3	<i>Cymodocea rotundata</i>	80%	55%
March 30, 2023	Pola	Putting Cacao	N 13°12'44.52", E 121°26'26.98"	2	3	<i>Halodule pinifolia</i>		25%

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March 30, 2023	Pola	Putting Cacao	N 13°12'44.52", E 121°26'26.98"	2	4	<i>Cymodocea rotundata</i>	60%	30%
March 30, 2023	Pola	Putting Cacao	N 13°12'44.52", E 121°26'26.98"	2	4	<i>Halodule pinifolia</i>		30%
March 30, 2023	Pola	Putting Cacao	N 13°12'44.52", E 121°26'26.98"	2	5	<i>Cymodocea rotundata</i>	65%	55%
March 30, 2023	Pola	Putting Cacao	N 13°12'44.52", E 121°26'26.98"	2	5	<i>Halodule pinifolia</i>		5%
March 30, 2023	Pola	Putting Cacao	N 13°12'44.52", E 121°26'26.98"	2	5	<i>Halodule uninervis</i>		5%
March 30, 2023	Pola	Putting Cacao	N 13°12'44.52", E 121°26'26.98"	2	6	<i>Cymodocea rotundata</i>	55%	40%
March 30, 2023	Pola	Putting Cacao	N 13°12'44.52", E 121°26'26.98"	2	6	<i>Halodule pinifolia</i>		15%
March 30, 2023	Pola	Putting Cacao	N 13°12'44.52", E 121°26'26.98"	2	7	<i>Cymodocea rotundata</i>	45%	10%
March 30, 2023	Pola	Putting Cacao	N 13°12'44.52", E 121°26'26.98"	2	7	<i>Halodule pinifolia</i>		35%
March 30, 2023	Pola	Putting Cacao	N 13°12'44.52", E 121°26'26.98"	2	8	<i>Thalassia hemprichii</i>	60%	30%
March 30, 2023	Pola	Putting Cacao	N 13°12'44.52", E 121°26'26.98"	2	8	<i>Cymodocea rotundata</i>		25%
March 30, 2023	Pola	Putting Cacao	N 13°12'44.52", E 121°26'26.98"	2	8	<i>Halophila ovalis</i>		5%
March 30, 2023	Pola	Putting Cacao	N 13°12'44.52", E 121°26'26.98"	2	9	<i>Cymodocea rotundata</i>	70%	50%
March 30, 2023	Pola	Putting Cacao	N 13°12'44.52", E 121°26'26.98"	2	9	<i>Halodule pinifolia</i>		10%
March 30, 2023	Pola	Putting Cacao	N 13°12'44.52", E 121°26'26.98"	2	9	<i>Halodule uninervis</i>		10%
March 30, 2023	Pola	Putting Cacao	N 13°12'44.52", E 121°26'26.98"	2	10	<i>Cymodocea rotundata</i>	35%	30%
March 30, 2023	Pola	Putting Cacao	N 13°12'44.52", E 121°26'26.98"	2	10	<i>Halodule pinifolia</i>		5%
March 30, 2023	Pola	Putting Cacao	N 13°12'44.52", E 121°26'26.98"	2	11	<i>Cymodocea rotundata</i>	45%	44%
March 30, 2023	Pola	Putting Cacao	N 13°12'44.52", E 121°26'26.98"	2	11	<i>Enhalus acoroides</i>		1%

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Transect No: Transect 1-2 Location: Buhay na Tubig
 Recorder: Katherine Escalona Site: Barangay
 Date: March 31, 2023 Municipality: Pola Province: Oriental Mindoro

Date	Municipality	site	location	Transect	Quadrat	Species Composition	% Cover/ Species	Total Percentage Cover	Notes
March 31, 2023	Pola	Tagumpay	N 13.15658; E 121.43477	1	1	0	0	0	
March 31, 2023	Pola	Tagumpay	N 13.15658; E 121.43477	1	2	<i>Thalassia hemprichii</i>	7%	10%	
March 31, 2023	Pola	Tagumpay	N 13.15658; E 121.43477	1	2	<i>Cynodocea rotundata</i>	3%		
March 31, 2023	Pola	Tagumpay	N 13.15658; E 121.43477	1	3	<i>Thalassia hemprichii</i>	40%	50%	
March 31, 2023	Pola	Tagumpay	N 13.15658; E 121.43477	1	3	<i>Halodule wrightii</i>	10%		
March 31, 2023	Pola	Tagumpay	N 13.15658; E 121.43477	1	4	<i>Thalassia hemprichii</i>	30%	45%	
March 31, 2023	Pola	Tagumpay	N 13.15658; E 121.43477	1	4	<i>Enhalus acoroides</i>	10%		
March 31, 2023	Pola	Tagumpay	N 13.15658; E 121.43477	1	4	<i>Halophila ovalis</i>	5%		
March 31, 2023	Pola	Tagumpay	N 13.15658; E 121.43477	1	5	<i>Enhalus acoroides</i>	5%	35%	
March 31, 2023	Pola	Tagumpay	N 13.15658; E 121.43477	1	5	<i>Thalassia hemprichii</i>	30%		
March 31, 2023	Pola	Tagumpay	N 13.15658; E 121.43477	1	6	<i>Enhalus acoroides</i>	20%	28%	
March 31, 2023	Pola	Tagumpay	N 13.15658; E 121.43477	1	6	<i>Thalassia hemprichii</i>	8%		
March 31, 2023	Pola	Tagumpay	N 13.15658; E 121.43477	1	7	<i>Thalassia hemprichii</i>	30%	35%	
March 31, 2023	Pola	Tagumpay	N 13.15658; E 121.43477	1	7	<i>Enhalus acoroides</i>	5%		
March 31, 2023	Pola	Tagumpay	N 13.15658; E 121.43477	1	8	<i>Thalassia hemprichii</i>	20%	21%	
March 31, 2023	Pola	Tagumpay	N 13.15658; E 121.43477	1	8	<i>Halophila ovalis</i>	1%		
March 31, 2023	Pola	Tagumpay	N 13.15658; E 121.43477	1	9	<i>Thalassia hemprichii</i>	30%	40%	
March 31, 2023	Pola	Tagumpay	N 13.15658; E 121.43477	1	9	<i>Enhalus acoroides</i>	5%		
March 31, 2023	Pola	Tagumpay	N 13.15658; E 121.43477	1	9	<i>Halophila ovalis</i>	5%		
March 31, 2023	Pola	Tagumpay	N 13.15658; E 121.43477	1	10	<i>Thalassia hemprichii</i>	10%	15%	
March 31, 2023	Pola	Tagumpay	N 13.15658; E 121.43477	1	10	<i>Enhalus acoroides</i>	5%		
March 31, 2023	Pola	Tagumpay	N 13.15658; E 121.43477	1	11	<i>Thalassia hemprichii</i>	10%	25%	
March 31, 2023	Pola	Tagumpay	N 13.15658; E 121.43477	1	11	<i>Halophila ovalis</i>	10%		
March 31, 2023	Pola	Tagumpay	N 13.15658; E 121.43477	1	11	<i>Enhalus acoroides</i>	5%		

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March 31, 2023	Pola	Tagumpay	N 13.15658; E 121. 43477	3	3	Thalassia hemprichii	25%		
March 31, 2023	Pola	Tagumpay	N 13.15658; E 121. 43477	3	3	Cymodocea rotundata	15%		
March 31, 2023	Pola	Tagumpay	N 13.15658; E 121. 43477	3	4	Syringodium isoetifolium	10%	45%	
March 31, 2023	Pola	Tagumpay	N 13.15658; E 121. 43477	3	4	Halophila ovalis	10%		
March 31, 2023	Pola	Tagumpay	N 13.15658; E 121. 43477	3	4	Thalassia hemprichii	10%		
March 31, 2023	Pola	Tagumpay	N 13.15658; E 121. 43477	3	4	Cymodocea rotundata	15%		
March 31, 2023	Pola	Tagumpay	N 13.15658; E 121. 43477	3	5	Syringodium isoetifolium	20%	55%	
March 31, 2023	Pola	Tagumpay	N 13.15658; E 121. 43477	3	5	Halophila ovalis	5%		
March 31, 2023	Pola	Tagumpay	N 13.15658; E 121. 43477	3	5	Thalassia hemprichii	20%		
March 31, 2023	Pola	Tagumpay	N 13.15658; E 121. 43477	3	5	Cymodocea rotundata	10%		
March 31, 2023	Pola	Tagumpay	N 13.15658; E 121. 43477	3	6	Syringodium isoetifolium	10%	25%	
March 31, 2023	Pola	Tagumpay	N 13.15658; E 121. 43477	3	6	Thalassia hemprichii	5%		
March 31, 2023	Pola	Tagumpay	N 13.15658; E 121. 43477	3	6	Cymodocea rotundata	10%		
March 31, 2023	Pola	Tagumpay	N 13.15658; E 121. 43477	3	7	Syringodium isoetifolium	5%	35%	
March 31, 2023	Pola	Tagumpay	N 13.15658; E 121. 43477	3	7	Halophila ovalis	5%		
March 31, 2023	Pola	Tagumpay	N 13.15658; E 121. 43477	3	7	Thalassia hemprichii	23%		
March 31, 2023	Pola	Tagumpay	N 13.15658; E 121. 43477	3	7	Enhalus acoroides	2%		
March 31, 2023	Pola	Tagumpay	N 13.15658; E 121. 43477	3	8	Syringodium isoetifolium	3%	50%	
March 31, 2023	Pola	Tagumpay	N 13.15658; E 121. 43477	3	8	Halophila ovalis	5%		
March 31, 2023	Pola	Tagumpay	N 13.15658; E 121. 43477	3	8	Thalassia hemprichii	5%		
March 31, 2023	Pola	Tagumpay	N 13.15658; E 121. 43477	3	8	Cymodocea rotundata	37%		
March 31, 2023	Pola	Tagumpay	N 13.15658; E 121. 43477	3	9	Enhalus acoroides	3%	50%	
March 31, 2023	Pola	Tagumpay	N 13.15658; E 121. 43477	3	9	Halophila ovalis	5%		
March 31, 2023	Pola	Tagumpay	N 13.15658; E 121. 43477	3	9	Thalassia hemprichii	15%		
March 31, 2023	Pola	Tagumpay	N 13.15658; E 121. 43477	3	9	Cymodocea rotundata	27%		
March 31, 2023	Pola	Tagumpay	N 13.15658; E 121. 43477	3	10	Halophila ovalis	1%	5%	
March 31, 2023	Pola	Tagumpay	N 13.15658; E 121. 43477	3	10	Thalassia hemprichii	2%		
March 31, 2023	Pola	Tagumpay	N 13.15658; E 121. 43477	3	10	Cymodocea rotundata	2%		
March 31, 2023	Pola	Tagumpay	N 13.15658; E 121. 43477	3	11	Halophila ovalis	2%	10%	
March 31, 2023	Pola	Tagumpay	N 13.15658; E 121. 43477	3	11	Thalassia hemprichii	5%		
March 31, 2023	Pola	Tagumpay	N 13.15658; E 121. 43477	3	11	Cymodocea rotundata	3%		

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* notes:

Linckia
Sea star chocolate chi
Sea urchin
Sea cucur Synopia
Hydroclathrus
Seaweeds *Padina*
Halicornyne wrightii

1
13
35
6

✓

Transect Transect Location Tagumpay
 No: 1-2
 Recorder Katherine Site Barangay
 Date: March 31, 2023 Pola Oriental Mindoro

Date	Municipality	Site	Location	Transect	Quadrat	Species Composition	% Cover/ Species	Total Percentage Cover
March 31, 2023	Pola	Tagumpay	N 13°14'16.23"; E 121° 24'58.35"	1	1	<i>Cymodocea rotundata</i>	2%	5%
March 31, 2023	Pola	Tagumpay	N 13°14'16.23"; E 121° 24'58.35"	1	1	<i>Halodule wrightii</i>	3%	
March 31, 2023	Pola	Tagumpay	N 13°14'16.23"; E 121° 24'58.35"	1	2	<i>Halodule wrightii</i>	2%	3%
March 31, 2023	Pola	Tagumpay	N 13°14'16.23"; E 121° 24'58.35"	1	2	<i>Thalassia hemprichii</i>	1%	
March 31, 2023	Pola	Tagumpay	N 13°14'16.23"; E 121° 24'58.35"	1	3	0	0	0%
March 31, 2023	Pola	Tagumpay	N 13°14'16.23"; E 121° 24'58.35"	1	4	<i>Thalassia hemprichii</i>	5%	20%
March 31, 2023	Pola	Tagumpay	N 13°14'16.23"; E 121° 24'58.35"	1	4	<i>Halophila ovalis</i>	15%	
March 31, 2023	Pola	Tagumpay	N 13°14'16.23"; E 121° 24'58.35"	1	5	<i>Thalassia hemprichii</i>	17%	15%
March 31, 2023	Pola	Tagumpay	N 13°14'16.23"; E 121° 24'58.35"	1	5	<i>Cymodocea rotundata</i>	3%	
March 31, 2023	Pola	Tagumpay	N 13°14'16.23"; E 121° 24'58.35"	1	6	<i>Thalassia hemprichii</i>	42%	45%
March 31, 2023	Pola	Tagumpay	N 13°14'16.23"; E 121° 24'58.35"	1	6	<i>Cymodocea rotundata</i>	3%	
March 31, 2023	Pola	Tagumpay	N 13°14'16.23"; E 121° 24'58.35"	1	7	<i>Thalassia hemprichii</i>	40%	40%
March 31, 2023	Pola	Tagumpay	N 13°14'16.23"; E 121° 24'58.35"	1	8	<i>Thalassia hemprichii</i>	2%	15%
March 31, 2023	Pola	Tagumpay	N 13°14'16.23"; E 121° 24'58.35"	1	8	<i>Cymodocea rotundata</i>	13%	
March 31, 2023	Pola	Tagumpay	N 13°14'16.23"; E 121° 24'58.35"	1	9	<i>Thalassia hemprichii</i>	10%	15%
March 31, 2023	Pola	Tagumpay	N 13°14'16.23"; E 121° 24'58.35"	1	9	<i>Cymodocea rotundata</i>	5%	
March 31, 2023	Pola	Tagumpay	N 13°14'16.23"; E 121° 24'58.35"	1	10	<i>Thalassia hemprichii</i>	11%	20%
March 31, 2023	Pola	Tagumpay	N 13°14'16.23"; E 121° 24'58.35"	1	10	<i>Cymodocea rotundata</i>	7%	
March 31, 2023	Pola	Tagumpay	N 13°14'16.23"; E 121° 24'58.35"	1	10	<i>Halophila ovalis</i>	2%	
March 31, 2023	Pola	Tagumpay	N 13°14'16.23"; E 121° 24'58.35"	1	11	<i>Thalassia hemprichii</i>	10%	20%
March 31, 2023	Pola	Tagumpay	N 13°14'16.23"; E 121° 24'58.35"	1	11	<i>Halophila ovalis</i>	10%	
March 31, 2023	Pola	Tagumpay	N 13°14'16.23"; E 121° 24'58.35"	2	1	0	0	0
March 31, 2023	Pola	Tagumpay	N 13°14'16.23"; E 121° 24'58.35"	2	2	0	0	0
March 31, 2023	Pola	Tagumpay	N 13°14'16.23"; E 121° 24'58.35"	2	3	0	0	0
March 31, 2023	Pola	Tagumpay	N 13°14'16.23"; E 121° 24'58.35"	2	4	0	0	0

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Transect Transect 1-
 No: 3
 recorder Katherine
 Date: March 31,

Location Recodo
 Site Barangay
Pola Oriental Mindoro
 Municipality Province

Date	Municipality	site	location	Transect	Quadrat	Species Composition	% Cover/species	Total Percentage Cover
March 31, 2023	Pola	Recodo, Bakawan	N 13°08'00.58"; E 121°32'17.04"	1	1	<i>Halodule pinifolia</i>	30%	30%
March 31, 2024	Pola	Recodo, Bakawan	N 13°08'00.58"; E 121°32'17.04"	1	2	<i>Halodule pinifolia</i>	15%	25%
March 31, 2025	Pola	Recodo, Bakawan	N 13°08'00.58"; E 121°32'17.04"	1	2	<i>Thalassia hemprichii</i>	10%	
March 31, 2026	Pola	Recodo, Bakawan	N 13°08'00.58"; E 121°32'17.04"	1	3	<i>Halodule uninervis</i>	10%	22%
March 31, 2027	Pola	Recodo, Bakawan	N 13°08'00.58"; E 121°32'17.04"	1	3	<i>Thalassia hemprichii</i>	2%	
March 31, 2028	Pola	Recodo, Bakawan	N 13°08'00.58"; E 121°32'17.04"	1	3	<i>Halodule pinifolia</i>	10%	
March 31, 2029	Pola	Recodo, Bakawan	N 13°08'00.58"; E 121°32'17.04"	1	4	<i>Halodule uninervis</i>	10%	20%
March 31, 2030	Pola	Recodo, Bakawan	N 13°08'00.58"; E 121°32'17.04"	1	4	<i>Halodule pinifolia</i>	5%	
March 31, 2031	Pola	Recodo, Bakawan	N 13°08'00.58"; E 121°32'17.04"	1	4	<i>Thalassia hemprichii</i>	5%	
March 31, 2032	Pola	Recodo, Bakawan	N 13°08'00.58"; E 121°32'17.04"	1	5	<i>Halodule pinifolia</i>	2.50%	17%
March 31, 2033	Pola	Recodo, Bakawan	N 13°08'00.58"; E 121°32'17.04"	1	5	<i>Halodule uninervis</i>	2.50%	
March 31, 2034	Pola	Recodo, Bakawan	N 13°08'00.58"; E 121°32'17.04"	1	5	<i>Halophila ovalis</i>	5%	
March 31, 2035	Pola	Recodo, Bakawan	N 13°08'00.58"; E 121°32'17.04"	1	5	<i>Thalassia hemprichii</i>	2%	
March 31, 2036	Pola	Recodo, Bakawan	N 13°08'00.58"; E 121°32'17.04"	1	6	<i>Thalassia hemprichii</i>	10%	15%
March 31, 2037	Pola	Recodo, Bakawan	N 13°08'00.58"; E 121°32'17.04"	1	6	<i>Halodule pinifolia</i>	2.50%	
March 31, 2038	Pola	Recodo, Bakawan	N 13°08'00.58"; E 121°32'17.04"	1	6	<i>Halodule uninervis</i>	2.50%	
March 31, 2039	Pola	Recodo, Bakawan	N 13°08'00.58"; E 121°32'17.04"	1	7	<i>Halodule pinifolia</i>	5%	46%
March 31, 2040	Pola	Recodo, Bakawan	N 13°08'00.58"; E 121°32'17.04"	1	7	<i>Halodule uninervis</i>	5%	
March 31, 2041	Pola	Recodo, Bakawan	N 13°08'00.58"; E 121°32'17.04"	1	7	<i>Thalassia hemprichii</i>	30%	
March 31, 2042	Pola	Recodo, Bakawan	N 13°08'00.58"; E 121°32'17.04"	1	7	<i>Cymodocea rotundata</i>	5%	
March 31, 2043	Pola	Recodo, Bakawan	N 13°08'00.58"; E 121°32'17.04"	1	7	<i>Halophila ovalis</i>	1%	
March 31, 2044	Pola	Recodo, Bakawan	N 13°08'00.58"; E 121°32'17.04"	1	8	<i>Halodule pinifolia</i>	10%	31%
March 31, 2045	Pola	Recodo, Bakawan	N 13°08'00.58"; E 121°32'17.04"	1	8	<i>Thalassia hemprichii</i>	20%	
March 31, 2046	Pola	Recodo, Bakawan	N 13°08'00.58"; E 121°32'17.04"	1	8	<i>Halophila ovalis</i>	1%	
March 31, 2047	Pola	Recodo, Bakawan	N 13°08'00.58"; E 121°32'17.04"	1	9	<i>Halophila ovalis</i>	5%	26%
March 31, 2048	Pola	Recodo, Bakawan	N 13°08'00.58"; E 121°32'17.04"	1	9	<i>Cymodocea rotundata</i>	5%	

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CERTIFICATE OF APPEARANCE

Date March 30, 2023

To Whom It May Concern:

This is to certify that Mindoro State University Oil Spill Team
was here in Calima, Pola
during the period covering March 30 - 31, 2023
in connection with official matters concerning gathering baseline ecological
and social data with on-going oil spill in marine waters

This certification is issued in compliance with the provision of Republic Act. 3847
as implemented by General Circular No. 88-A.

Sgd

LEODEGARIN F. FETIZANAN
BRC-4 CAPTAIN



CERTIFICATE OF APPEARANCE

Date March 01, 2023

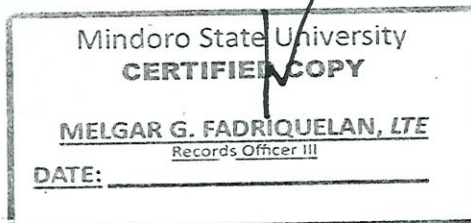
To Whom It May Concern:

This is to certify that Mindoro State University Oil Spill Team
was here in Puting Cacao, Pola
during the period covering March 20-31, 2023
in connection with official matters concerning gathering baseline ecological and
social data with on-going oil-spill in marine waters

This certification is issued in compliance with the provision of Republic Act. 3847
as implemented by General Circular No. 88-A.

Sgd

Alvin M. V. [Signature]
Kagawa



CERTIFICATE OF APPEARANCE

Date March 30, 2023

To Whom It May Concern:

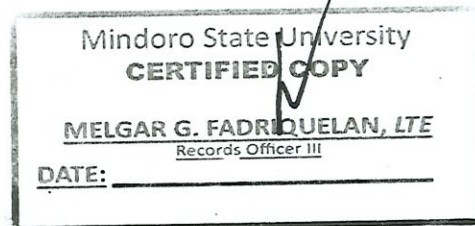
This is to certify that Mindoro State University Oil Spill Team
was here in Tagumpay, Pola
during the period covering March 30-31, 2023
in connection with official matters concerning gathering baseline ecological and
social data with on-going oil spill in marine waters

This certification is issued in compliance with the provision of Republic Act. 3847
as implemented by General Circular No. 88-A.

Sgd

LIZA M. ALINO

Brig. Kagawad



CERTIFICATE OF APPEARANCE

Date May 11, 2023

To Whom It May Concern:

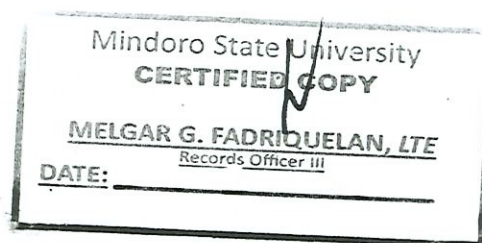
This is to certify that Mindoro State University Oil Spill Team
was here in Herrera, Naujan
during the period covering May 11, 2023
in connection with official matters concerning gathering baseline ecological
and social data with on-going oil spill in Marine waters.

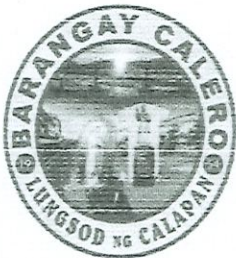
This certification is issued in compliance with the provision of Republic Act. 3847
as implemented by General Circular No. 88-A.

Sgd

MARIA MARLENE A. ASINAF

FMD-NAUJAN





Republic of the Philippines
Province of Oriental Mindoro
City of Calapan
Barangay Calero

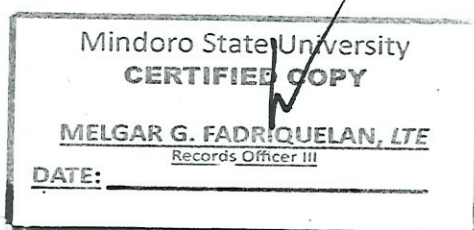
TAUMBAYAN ANG
MASUSUNOD

CERTIFICATE OF APPEARANCE

This is to certify that Mindoro State University Oil Spill Team
(Name)
of the _____ has appeared in this office Calero, Calapan
Designation (Name of Office)
for gathering baseline ecological and social data with on-going oil spill in marine water.

Given this 19th day of May 2023 at Barangay Hall of Calero,
Calapan City, Oriental Mindoro.

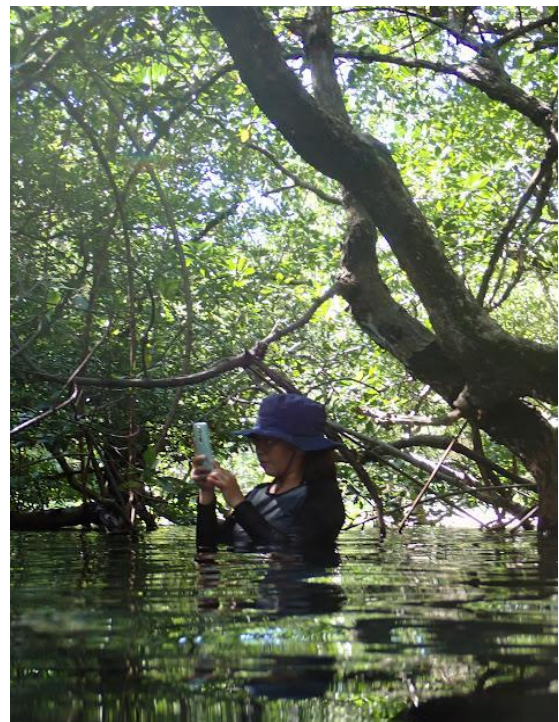

Sgd
RANDY S. AHORRO
Punong Barangay



Baka-Juan Project

Description:

This project aims to monitor and identify the abundance and diversity of mangroves on Mindoro Island. It seeks to educate the community on the importance of their aquatic resources, emphasizing the conservation and preservation of these vital habitats. Additionally, it provides knowledge to the community on how to care for and maintain their resources effectively. By engaging residents and fostering a sense of stewardship, the project not only enhances the ecological health of the region but also strengthens the community's connection to its environment, ensuring long-term sustainability and resilience. This initiative underscores the critical role that mangroves play in coastal ecosystems and highlights the community's responsibility to protect these valuable natural resources.



Coastal Resource Management

Description:

This project aims to educate the community on coastal management through continuous monitoring of the seas and aquatic resources. It serves as an ongoing activity for the university, ensuring that it remains a catalyst for promoting the conservation and sustainable utilization of marine resources. By actively engaging the community, the project not only disseminates knowledge about the importance of preserving coastal environments but also fosters a sense of responsibility among the residents. The university's commitment to this initiative highlights its role in advocating for environmental stewardship and sustainable practices, ensuring the health and longevity of marine ecosystems for future generations.



Activities:

ALWAN Training

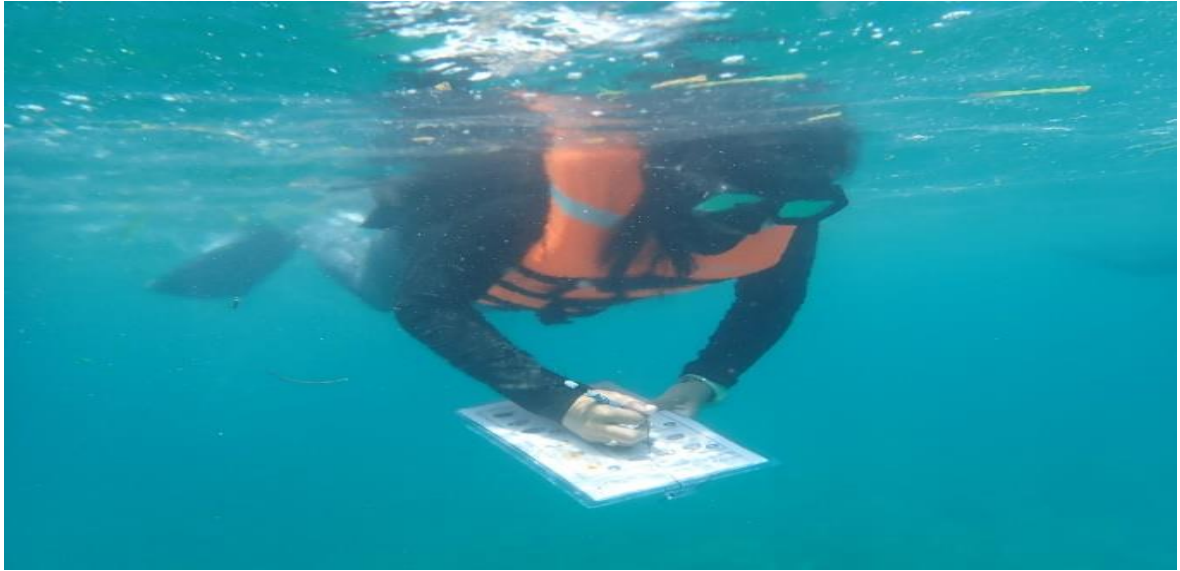
Alwan Training is an innovative approach for community-based science that focuses on monitoring the coastal areas of Oriental Mindoro Island to sustain resources through continuous observation and surveillance of aquatic ecosystems. This method prioritizes community engagement and participation, allowing local residents to play an active role in environmental conservation efforts. The training is designed to be accessible and practical, requiring minimal specialized equipment, making it easily adoptable by community members.

By involving local residents as community scientists, Alwan Training empowers them to become agents of change, fostering a sense of ownership and responsibility for the conservation and preservation of their natural resources. This grassroots approach ensures that the knowledge and skills imparted through the training are relevant and sustainable, promoting long-term stewardship of the aquatic environments. The program not only enhances the community's capacity to monitor and protect their coastal resources but also strengthens their ability to respond to environmental challenges, contributing to the overall resilience and sustainability of the region's ecosystems. Through Alwan Training, the community is equipped with the tools and knowledge necessary to make informed decisions and take proactive measures in safeguarding their aquatic resources for future generations.









Coastal Clean-up Drive:

Integrating Alwan Training into a CRM system could amplify its impact, streamline processes, and boost participant engagement. It will allow for efficient tracking of community scientists' progress, help in disseminating training materials, and ensure timely communication.





