

14.3.1. Batangas State University – The National Engineering University supports and/or organises events aimed to promote conservation and sustainable utilisation of the oceans, seas, lakes, rivers and marine resources.

VIP CORALS Open House 2022



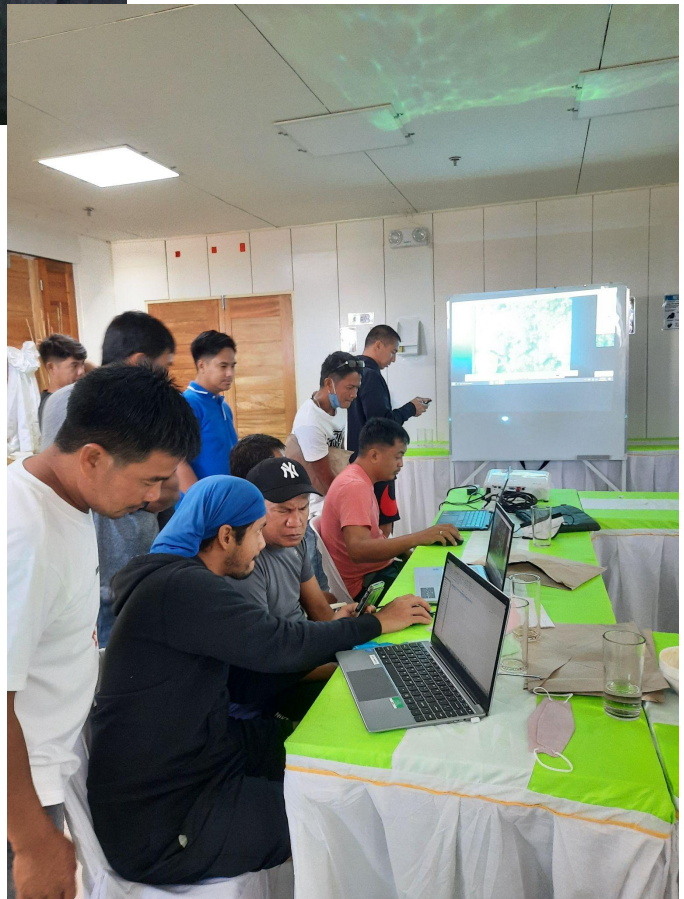


MBioAssess-VIP Project

Training on Marine Ecosystems Assessment

VIP CORALS have conducted a training in Occidental Mindoro through the MBioAssess-VIP project. This is to capacitate LGUs in assessing different marine ecosystems like corals, seaweed/seagrass, and mangroves.





Verde Island Passage Center for Oceanographic Research and Aquatic Life Sciences**Marine Biodiversity Assessment in selected areas along the Verde Island Passage (MBioAssess-VIP) Project**

- Training on Assessment Methods for Coral, Seaweed/Seagrass and Mangrove Ecosystems (August 22-30, 2022)

The training for biodiversity assessment in Occidental Mindoro proceeded on August 22-30, 2022. The team underwent covid-19 antigen testing in the morning of August 22. All individuals received negative results and traveled from Batangas city to Occidental Mindoro around lunch time. Upon arrival to the town of Mamburao, the team were welcomed by the staff of the provincial government and the training participants. They were oriented on the schedule and activities of the training. Participants were also introduced. They are composed of 3 representatives from each of the nine municipalities of Occidental Mindoro.

On the first day of the training, Mr. Paul Ramos officially opened the training proper. Discussion on introduction to coral reef ecosystems followed, facilitated by Dr. Azcuna and Mr. Velasquez. Open forum followed after the presentation. The methods of assessment for coral reef ecosystems were also discussed in the afternoon session. The next day, Dr. Saco introduced the seaweed ecosystem and Ms. Ramos discussed the introduction to the seagrass ecosystem. In the afternoon, Mr. Arcega, with the help of Mr. Villalobos, provided a lecture on the assessment methods used for the seagrass and seaweed community. On the third day of the training, Ms. Valera then discussed the basics of the mangrove ecosystem and its methods of assessment. During the fourth day of training, a simultaneous demonstration of methods of assessments for all ecosystems was conducted. The group was divided into 3, coral group, seaweed/seagrass group and mangrove group. This is to demonstrate and prepare them for the practical/onsite activity.

On August 27, necessary materials and equipment were packed in preparation for the day's fieldwork. The BatStateU team left Mamburao early in the morning to visit Pandan Island, situated in the town of Sablayan. Three staff of Sablayan LGU welcomed and assisted the group. The group then proceeded to a boat ride and arrived at the location to check the status of the seaweed/seagrass and coral ecosystem on the east side of the island. Photos of some of the species were also taken for documentation.



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On Aug 28, the practical activity of the training commenced. The same groups divided during the demonstration proceeded to their respective sites located in the coastal barangay of Tayamaan. Briefing and orientation were conducted before doing the actual assessment. Field materials and equipment were provided by the BatStateU team and Occidental Mindoro Provincial Government. The participants conducted the data gathering with the help and guidance of the training facilitators. The seaweed/seagrass and mangrove team were successful and finished the activity while the 2nd group of the coral team weren't able to do the survey due to strong waves, making it impossible to dive down the reef. Moreover, participants of the seaweed/seagrass assessment collected species samples to be processed later on.

On the last day of the training, the participants were taught to encode and process data. Moreover, Mr. Arcega illustrated the process of taking photos and pressing of the seaweed and seagrass samples collected during fieldwork. Right after lunch, training certificates were given to the resource speakers and training participants and the training proper was closed by the staff of the provincial office.



Lectures on introduction to coral, seaweed/seagrass and mangrove ecosystem and its methods of assessment



Verde Island Passage Center for Oceanographic Research and Aquatic Life Sciences



Demonstration of the different methods of assessment



Verde Island Passage Center for Oceanographic Research and Aquatic Life Sciences



*Training participants conducting the seaweed/seagrass, coral
and mangrove assessment in Brgy. Tayamaan*

Attendees:

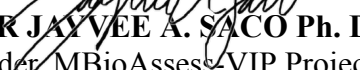
- | | |
|----------------------------------|-------------------------------|
| 1. Eleazar De Mesa | 23. Ron Lowen Carl C. Daprosa |
| 2. Jay Francis V. Fontillas | 24. Jayson Patal |
| 3. Arjan Flojio | 25. Vang Arce |
| 4. Jimboy V. Jacinto | 26. Tonetchie Zapata |
| 5. Jonrish M. Custodio | 27. Ronald L. Villanueva |
| 6. Calvin Ted R. Umali | 28. Mark Lorenz Eroles |
| 7. Michael Jefferson T. Sy | 29. Rondel L. Villanueva |
| 8. Raffy M. Serna | 30. John Paul Anilao |
| 9. Jessie M. Irana | 31. Estanislao Bonquin |
| 10. Jovelito A. De Luna | 32. Roderick S. Veloria |
| 11. Glezel Marie Jimenez | 33. Marlon Bonquin |
| 12. Lyka Ellaine V. dela Torre | 34. Jimmy M. Ylagan |
| 13. John Randolph C. Gaudiel | 35. Arvin T. Acosta |
| 14. Alerie Anne B. Aguilar | 36. Larry Eroles |
| 15. Erwin D. Cacabelos | 37. Arnold D. Quilit |
| 16. Emerito R. Cristalino | 38. Joseph Anthony T. Basa |
| 17. Jojit R. Ricalde | 39. Joshua S. Basa |
| 18. Marishiel D. Paz | 40. Nelson Orelano |
| 19. Charlou G. Ormega | 41. Jomar Limjolo |
| 20. Joselito A. Tiongson | 42. Earl Derick B. Cantos |
| 21. Emerito R. Cristalino | 43. Romar John M. Ugrimina |
| 22. John Paul Aristotle C. Ramos | 44. Ulyses H. Garlitos |



Verde Island Passage Center for Oceanographic Research and Aquatic Life Sciences

- | | |
|----------------------------------|-------------------------------|
| 45. Joan Calabu | 53. Enriqueo Martin Velasquez |
| 46. Cristine Grace Real | 54. John Matthew H. Arcega |
| 47. Bernadette Salya | 55. Luigi P. Villalobos |
| 48. Jayvee A. Saco | |
| 49. Miguel Enrique Ma. A. AZCUNA | |
| 50. Jonel M. CORRAL | |
| 51. Jovy Ann P. Valera | |
| 52. Khay Ann Ramos-Danila | |

Prepared by:


AUX LCDR JAYVEE A. SACO Ph. D.
Project Leader, MBioAssess-VIP Project

Checked and Verified by:

Dr. ROSENDA A. BRONCE
Director for Research



MEMORANDUM OF AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

This **MEMORANDUM OF AGREEMENT** ("MOA") is executed and entered by and between:

PROVINCIAL GOVERNMENT OF OCCIDENTAL MINDORO, a local government unit with office address at the Provincial Capitol Compound, Mamburao, Occidental Mindoro, represented by its Governor, **HON. EDUARDO B. GADIANO**, hereinafter referred to as the "**PGOM**";

and

BATANGAS STATE UNIVERSITY, the National Engineering University of the Philippines by virtue of RA 11694, with principal office address at Rizal Avenue, Batangas City, represented by its President, **DR. TIRSO A. RONQUILLO**, hereinafter referred to as the "**BatStateU**".

WITNESSETH:

WHEREAS, PGOM pursues holistic and sustainable development guided by the principles of good governance, people empowerment, competitiveness, public-private partnership, and rational utilization and management of natural and human resources;

WHEREAS, BatStateU serves as a public service university that provides various forms of community, public, and volunteer service, as well as scholarly and technical assistance to the government, private sector, and civil society while maintaining its standards of excellence;

WHEREAS, BatStateU established **BatStateU- VIP CORALS** which conduct research, teaching, and/or extension projects/services focusing on the marine resources and marine environment in the Verde Island Passage;

WHEREAS, PGOM aspires to strengthen the province of Occidental Mindoro by building capacities in systematic conservation planning and integrated ecosystem management;

WHEREAS, PGOM, in order to attain the objective above-stated, will conduct a project/program entitled "**Conservation and Rehabilitation of Aquatic Resources and Livelihood Sustainability (CoRALS)**";

WHEREAS, under the above project/program, PGOM aims to conduct a training entitled "**Training on Assessment Methods for Coral, Seaweed/Seagrass, and Mangrove Ecosystems**" to capacitate the LGUs on science-based and systematic assessment and monitoring of marine and coastal resources, to standardize the assessment methods on coral, seaweed/seagrass, and mangrove ecosystems, and to enable the participants to determine the status of the health of these ecosystems, and later could be used for marine-related decision-making and policy formulation;

WHEREAS, PGOM, on a letter dated 07 February 2022, requested for a technical assistance from the **BatStateU- VIP CORALS** for the conduct of the above-stated training, which request was willingly accepted by the **BatStateU-VIP CORALS**;

NOW, THEREFORE, for and in consideration of the foregoing premises and of the mutual covenants herein set forth, the Parties have agreed on the following terms and conditions, hereby follows:

ARTICLE I OBLIGATIONS OF PGOM

The **PGOM** shall:

1. Coordinate with the participants and trainers regarding matters/concerns related to the conduct of the training.
2. Arrange and bear the following:
 - a. Suitable venue for the training;
 - b. Meals and accommodation of the participants and resource speakers/trainers; and
 - c. Training kits and other office supplies which may be needed in the accomplishment of the training.
3. Provide financial assistance to the **BatStateU-VIP CORALS** team particularly those costs incurred by the **BatStateU- VIP CORALS** in the duration of the conduct of the training, except expenses on their transportation to and from Occidental Mindoro, and honorarium.

ARTICLE II OBLIGATIONS OF BatStateU

The **BatStateU** shall:

1. Provide technical expertise on assessment method for seaweed, seagrass, mangrove and coral during the training scheduled on August 22-September 2, 2022.
2. Shoulder the transportation expenses of the **BatStateU VIP CORALS** team only to and from Occidental Mindoro Province.
3. Issue Certificate of Completion to the participants of the training upon passing and completing said training.
4. Provide PGOM copies of the training materials and training outputs after the activity.

ARTICLE III MISCELLANEOUS PROVISIONS

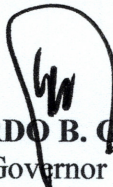
1. This Memorandum of Agreement shall be take effect upon signing thereof
2. Both parties acknowledge that confidential information may be acquired during the existence of this Agreement. Thus neither party shall, without the written consent of the other, disclose any nor all parts of the confidential information acquired by the parties,

unless such persons are required to have the knowledge to such confidential information for the parties to achieve their mutual purposes in accordance with the Data Privacy Act of 2012.

3. The Parties shall hold each other free from any damage or liability that may arise from or occasioned by the exercise of their rights and obligations under this Agreement except when such damage or liability is attributable to the gross negligence or willful misconduct of a Party or any of its officers, representatives or employees.

IN WITNESS WHEREOF, the parties have hereunto set their hands this _____ day of _____, 2022 at _____.

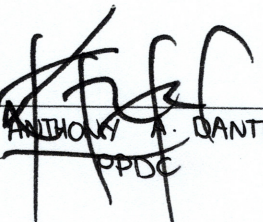
On behalf of PGOM:

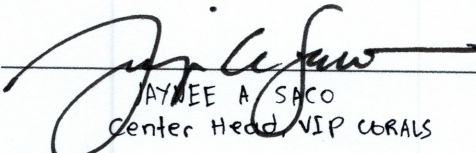

EDUARDO B. GADIANO
Governor

On behalf BatStateU:


Dr. TIRSO A. RONQUILLO
University President

Witnesses:


ANTHONY A. DANTIS
PPDC


JAYMEE A. SACO
Center Head, VIP CBRAIS

ACKNOWLEDGEMENT

REPUBLIC OF THE PHILIPPINES)
_____) S.S.

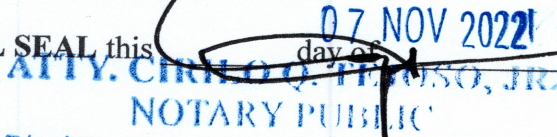
BEFORE ME, a notary public for and in _____, personally appeared:

Agency	Representative	Valid ID	Date/Place of Issue
BatStateU	Dr. Tirso A. Ronquillo		

Known to me to me known or identified by me through competent evidence of identity to be the persons who executed the foregoing MOA, and they acknowledged to me that the same is their free and voluntary act and deed as well as that of the corporations herein represented.

WITNESS MY HAND AND NOTARIAL SEAL this 07 NOV 2022 day of _____, 2022.

Doc. No. 98 ;
Page No. 20 ;
Book No. 130 ;
Series of 242


ATTY. CIRILO Q. PARDO, JR.
NOTARY PUBLIC
Rizal St. Brgy. 9 Mamburao, Occ. Mindoro
My Commission Expires on Dec. 31, 2023
Roll of Attorney's No. 41944, May 8, 1997
MCLE No. VI-0004742/December 8, 2017
JEP No. 172028 /01-04-2022/Occ. Mdo.
JEP No. 4/06164/12-22-2021/Occ. Mdo.
E-mail Address: juntejosa@yahoo.com.ph