



Republic of the Philippines  
**Department of Environment and Natural Resources**  
PROVINCIAL ENVIRONMENT AND NATURAL RESOURCES OFFICE  
PROVINCE OF PALAWAN  
Bgy. Sta. Monica, Puerto Princesa City, Palawan  
EMAIL : [penropalawan@denr.gov.ph](mailto:penropalawan@denr.gov.ph)  
TelFax No. (048) 433-5638/ 434-8791

March 22, 2023

MEMORANDUM

FOR : The Regional Director  
DENR -MIMAROPA Region  
1515 DENR By The Bay Building, Roxas Boulevard  
Barangay 668, Ermita, Manila

FROM : The Provincial Environment and  
Natural Resources Officer

SUBJECT : INDIVIDUAL LEARNING REPORTS

Respectfully forwarded are the memoranda on various dates with regards to the Individual Learning Reports of the following personnel:

CENR OFFICE	Name of Participants	Title of Training/Workshop Attended	Inclusive Dates
Brooke's Point, Palawan	FR Enrico L. Aurino, III Eng'g. Aide Dennis Everen A. Recto FR Ronald S. Velasco	Ground Truthing using a Remotely Piloted Aircraft System	March 1-4, 2023
	AO I Jinky D. Sarong LMI Renan Kenneth M. Fuentes	Land Administration and Management System-Public Land Application (LAMS-PLA)	February 22-24, 2023
	FR Christopher C. Buenafe FR Rodel A. Ronas	Method Calibration Workshop	February 22-23, 2023
	ECOMS II Rachel H. Appie FT I Reynaldo V. Palisoc	Forest Carbon Inventory Training	February 6-12, 2023
Quezon, Palawan	Joann P. Paz Vina N. Anaclito Djoanna D. Natividad Imelda D. Sabando	Land Administration and Management System-Public Land Application (LAMS-PLA)	February 22-24, 2023

For information and record.

“ For the PENRO “

DENR-PALAWAN  
PENRO-RECORDS  
**RELEASED**  
By: *[Signature]*  
Date: 23 MAR 2023 2:23 PM

*[Signature]*  
RHODORA B. UBANI  
SvEMS/Chief, CDS  
In-Charge, Office of the PENRO



Republic of the Philippines  
Department of Environment and Natural Resources  
MIMAROPA Region  
**COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE**

March 15, 2023

FOR : The Regional Executive Director  
DENR, MIMAROPA Region  
1515 L&S Building  
Roxas Blvd., Ermita, Manila

THRU : The Provincial Environment and  
Natural Resources Officer  
Puerto Princesa City, Palawan

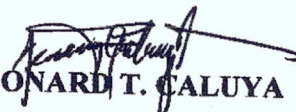
FROM : The Community Environment and  
Natural Resources Officer

SUBJECT : **SUBMISSION OF INDIVIDUAL LEARNING REPORT**

In compliance with the Regional Special Order No. 247, series of 2020, we are submitting herewith the Individual Learning Report on the training, *re: "Ground Truthing using a Remotely Piloted Aircraft System"*, conducted by USAID-SIBOL, on March 1-4, 2023 at Aziza Paradise Hotel, Puerto Princesa City, attended by the following personnel, to wit:

1. FR Aurino, Enrico III L
2. Eng'g. Aide Recto, Dennis Everen A.
3. FR Velasco, Mark Ronald S.

For information and record.

  
LEONARD T. CALUYA

M. Rodriguez St. Poblacion District I, Brooke's Point Palawan 5505  
Mobile Phone: Globe: 0945-257-1402; Smart: 0912-429-0855  
Email/Gmail: cenro\_brkspt@yahoo.com; cenrobrkspt@gmail.com



**DENR-CENRO**  
**BROOKE'S POINT**

**RELEASED**

DATE: MAR 16 2023

BY: [Signature]

V: 2023-1382





## INDIVIDUAL LEARNING REPORT

### Part 1 (To be prepared by the participant)

<b>Name of Participant:</b>	Enrico L. Aurino III
<b>Office/Service:</b>	DENR CENRO Brooke's Point/MES
<b>Training Title:</b>	Ground Truthing Through a Remotely Piloted Aircraft System (RPAS)
<b>Learning Providers:</b>	USAID-SIBOL
<b>Inclusive Dates:</b>	March 1-4, 2023
<b>Venue:</b>	Aziza Paradise Hotel, Puerto Princesa City, Palawan

### I. EVALUATION OF THE COURSE:

- **Technical Content:**

This Learning Event incorporates lectures and demonstrations of topics relative on Basic information/knowledge/insights on:

1. The different HCV or High Conservation Value categories of the Philippines' ecosystem or the "sukat ng kalikasan" which is also based on the international categories.
2. The difference between Remotely Piloted Aircraft (RPA) and Remotely Piloted Aircraft System (RPAS).
3. Basic maneuvering of the Remotely Piloted Aircraft (RPA) or the Drone and the common precautions when flying a drone.
4. Importance of creating a drone team and recording of every flight logs,
5. Difference of flying a drone through flight planning and manual flying.
6. Actual or on-field training and application of basic maneuvering of a drone, and
7. Post-processing of images captured by drone to produce an orthomosaic images which describes the land cover of a certain area.

- **Impression/Comments:**

1. The learning providers and speakers made their topics interactive and easy to understand. Queries and concerns were answered nicely and clearly for us to understand the topic better.
2. I observed that most of the participants, including me, who have no background or experience in drone flying but are very interested to learn and finally have experienced the actual drone flying, thanks to the initiative of the trainers to teach us the basic maneuvering and let us try to do the actual drone flying.
3. It was also very helpful that an actual flight planning was conducted in our final activity wherein participants were able to show all the things learned during the last day session and were able to apply the concepts about aerial ground-truthing, base station setting-up and image processing.



<b>II. RELEVANCE OF THE LEARNING EVENT TO PARTICIPANT'S WORK/FUNCTION:</b> <ul style="list-style-type: none"> <li>As an employee of the DENR and working in a functional work system, all the discussions and topics were all relevant to my work/function. We can use the drone in monitoring of the NGP projects and areas to determine the actual status of the plantation. We can also the images captured from the drone to determine the extent of damages in a particular area whether in the forest or in mangrove areas. Also in in determining the status of the land cover in the protected area as a whole.</li> </ul>							
<b>III. RECOMMENDATIONS:</b> <ul style="list-style-type: none"> <li>Continuation of the said course/training for us to be able to familiarize deeply the operation of a drone and especially the application of flight planning in drone flying.</li> <li>Procurement of additional unit for ease of activity and other additional gadgets that would be used in such applications as flight planning.</li> </ul>							
<b>IV. POST LEARNING ACTION PLAN/PROPOSAL:</b>							
<table border="1"> <thead> <tr> <th>Proposed Plan/Activity/Output</th> <th>Time Frame</th> </tr> </thead> <tbody> <tr> <td>Conduct aerial monitoring in NGP areas.</td> <td>Whenever and wherever possible</td> </tr> <tr> <td>Apply knowledge/insights gained from the learning event.</td> <td>Whenever and wherever possible</td> </tr> </tbody> </table>	Proposed Plan/Activity/Output	Time Frame	Conduct aerial monitoring in NGP areas.	Whenever and wherever possible	Apply knowledge/insights gained from the learning event.	Whenever and wherever possible	
Proposed Plan/Activity/Output	Time Frame						
Conduct aerial monitoring in NGP areas.	Whenever and wherever possible						
Apply knowledge/insights gained from the learning event.	Whenever and wherever possible						

**Part 2 (To be prepared by the Supervisor)**

How will you support the post Learning Action/Proposal?

Provide technical support of the implementation in the discharging of duties in connection with the above mentioned post learning action plan/proposal

Have you discussed any concerns/resources needed by your subordinate so that he/she can effectively transfer the skills and knowledge gained from the training?

No.

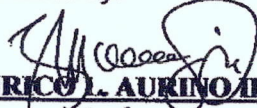
Would you be willing to send him/her again to other training/seminar/conference?

Yes ☒ No ☐ Others ☐

If yes, please specify courses.

Follow-up/refresher trainings/learning events relative to Flight planning with the use of apple and android mobile phones, and post-processing of images generated from drone flying.

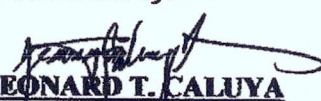
Submitted by:

  
**ENRICO L. AURINO III**  
 Attendee

March 13, 2023

Date

Noted/Confirmed by:

  
**LEONARD T. CALUYA**  
 CENRO





## INDIVIDUAL LEARNING REPORT

Part 1 (To be prepared by the participant)

<b>Name of Participant:</b>	DENNIS EVEREN A. RECTO
<b>Office/Service:</b>	CENRO Brooke's Point/RPS
<b>Training Title:</b>	Training on Ground Truthing using a Remotely Piloted Aircraft System
<b>Learning Providers:</b>	Sustainable Interventions for Biodiversity, Oceans and Landscapes
<b>Inclusive Dates:</b>	March 1-4, 2023
<b>Venue:</b>	Aziza Paradise Hotel, Puerto Princesa City, Palawan

### I. EVALUATION OF THE COURSE:

- **Technical Content:**

The course outline was briefly discussed by Regina Aedrianne Inovejas-Geomatics Forest Associate and Daniel Glenn Darapiza-Geospatial Research Associate, to give an overview about the learning event. The resource speakers from SIBOL has tackled all the necessary data and information the participants needed to understand as follows:

1. Relating the remote sensing output on preliminary land cover mapping to ground surveys;
2. Understanding the concept of ground-truthing through aerial surveys;
3. Understanding the use of a Remotely Piloted Aircraft Systems (RPAS) and ground control points (GCP) for ground-truthing; developing orthomosaic images from RPAS photography;
4. Interpreting land cover classes from orthomosaic images and assessing accuracy; and
5. Forming RPAS teams and developing a schedule for each to cover the training samples located on the ground.

- **Impressions/Comment:**

For the technical content and discussion of topics, all speakers expressed their deep knowledge and understanding of their assigned topic.

During the question and answer portion, most of the questions were answered directly and clearly by the concerned speaker. It is also very helpful that an actual flight planning was conducted as final activity of the said training. Here, participants were able to show all the things learned during the last day session and are able to impose the concepts about aerial ground-truthing, base station setting-up, image processing, on-field training and fieldwork planning.

The four-day activity is success as it yielded more than twenty participants from SIBOL partners and local stakeholders. The undersigned would like to thank the sponsors for the said activity for the good venue, sumptuous food and very informative sessions.

### II. RELEVANCE OF THE LEARNING EVENT TO PARTICIPANTS WORK/FUNCTION



As an employee of this Department and working in a functional work system, all discussions and topics are all relevant. We can use the drone for the verification of lots status and to determine the actual improvements.

### III. RECOMMENDATIONS

I would like to recommend the continuation of the said course for other personnel to be able to learn the basic maneuvers and flight planning of drone.

### IV. POST LEARNING ACTION PLAN/PROPOSAL

PROPOSED PLAN/ ACTIVITY/ OUTPUT	TIME FRAME
Conduct aerial monitoring on Timberland specially in Mangrove areas	4 <sup>th</sup> week of March, 2023
Apply knowledge/insights gained from the learning event.	Whenever and wherever possible

### Part 2 (To be accomplished by Supervisor)

How will you support the post Learning Action Plan/Proposal?

To support the action plan of this delegate, this Office may allot funds to be utilized for the procurement of materials needed in the generation of flow chat and brochures.

Have you discussed any concerns / resources needed by your subordinate so that he/she can effectively transfer/apply the skills and knowledge gained from the training?

No.

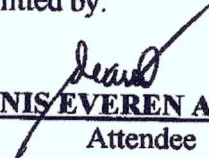
Would you be willing to send him/ her again to other training/seminars/conference?

Yes ☐ / ☐ No ☐ Others ☐

If yes, please specify courses

Follow-up/trainings/learning events relative to image processing generated by drone offered by the DENR.

Submitted by:

  
**DENNIS EVEREN A. RECTO**  
Attendee

March 10, 2023

Date

Noted/Confirmed by:

  
**LEONARD T. CALUYA**  
CENRO





## INDIVIDUAL LEARNING REPORT

Part 1 (To be prepared by the participant)

<b>Name of Participant:</b>	MARK RONALD S. VELASCO
<b>Office/Service:</b>	CENRO Brooke's Point/MES
<b>Training Title:</b>	Training on Ground Truthing using a Remotely Piloted Aircraft System
<b>Learning Providers:</b>	Sustainable Interventions for Biodiversity, Oceans and Landscapes
<b>Inclusive Dates:</b>	March 1-4, 2023
<b>Venue:</b>	Aziza Paradise Hotel, Puerto Princesa City, Palawan

### I. EVALUATION OF THE COURSE:

- **Technical Content:**

The course outline was briefly discussed by Regina Inovejas, Geomatics Forest Associate to give an overview about the learning event. The resource speakers from SIBOL has tackled all the necessary data and information the participants needed to understand as follows:

1. Relating the remote sensing output on preliminary land cover mapping to ground surveys;
2. Understanding the concept of ground-truthing through aerial surveys;
3. Understanding the use of a Remotely Piloted Aircraft Systems (RPAS) and ground control points (GCP) for ground-truthing; developing orthomosaic images from RPAS photography;
4. Interpreting land cover classes from orthomosaic images and assessing accuracy; and
5. Forming RPAS teams and developing a schedule for each to cover the training samples located on the ground.

- **Impressions/Comment:**

For the technical content and discussion of topics, all speakers expressed their deep knowledge and understanding of their assigned topic.

During the question and answer portion, most of the questions were answered directly and clearly by the concerned speaker. It is also very helpful that an actual flight planning was conducted as final activity of the said training. Here, participants were able to show all the things learned during the last day session and are able to impose the concepts about aerial ground-truthing, base station setting-up, image processing, on-field training and fieldwork planning.

The four-day activity is success as it yielded more than twenty participants from SIBOL partners and local stakeholders. The undersigned would like to thank the sponsors for the said activity for the good venue, sumptuous food and very informative sessions.

### II. RELEVANCE OF THE LEARNING EVENT TO PARTICIPANTS WORK/FUNCTION

As an employee of this Department and working in a functional work system, all discussions and topics are all relevant. We can use the drone for the monitoring on NGP projects and in protected areas to determine the actual status of forest covers.

### III. RECOMMENDATIONS

I would like to recommend the continuation of the said course for other personnel to be able to learn the basic maneuvers and flight planning of drone.

### IV. POST LEARNING ACTION PLAN/PROPOSAL

IV. POST LEARNING ACTION PLAN/PROPOSAL	
PROPOSED PLAN/ ACTIVITY/ OUTPUT	TIME FRAME
Conduct aerial monitoring on NGP areas	4 <sup>th</sup> week of March, 2023
Apply knowledge/insights gained from the learning event.	Whenever and wherever possible

**Part 2 (To be accomplished by Supervisor)**

How will you support the post Learning Action Plan/Proposal?

To support the action plan of this delegate, this Office may allot funds to be utilized for the procurement of materials needed in the generation of flow chat and brochures.

Have you discussed any concerns / resources needed by your subordinate so that he/she can effectively transfer/apply the skills and knowledge gained from the training?

No.

Would you be willing to send him/ her again to other training/seminars/conference?

Yes   /   No        Others       

If yes, please specify courses

Follow-up/trainings/learning events relative to image processing generated by drone offered by the DENR.

Submitted by:

  
**MARK RONALD S. VELASCO**  
 Attendee

March 9, 2023

Date

Noted/Confirmed by:

  
**LEONARD T. CALUYA**  
 CENRO





Republic of the Philippines  
Department of Environment and Natural Resources  
MIMAROPA Region  
**COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE**

March 07, 2023

FOR : The Regional Executive Director  
DENR, MIMAROPA Region  
1515 L&S Building  
Roxas Blvd., Ermita, Manila

THRU : The Provincial Environment and  
Natural Resources Officer  
Puerto Princesa City, Palawan

FROM : The Community Environment and  
Natural Resources Officer

SUBJECT : **SUBMISSION OF INDIVIDUAL LEARNING REPORT**

**DENR PENRO  
PALAWAN RECORDS  
RECEIVED**

BY: [Signature]  
DATE: 03.10.2023 ON 23.2062

In compliance with the Regional Special Order No. 247, series of 2020, we are submitting herewith the Individual Learning Report on the training, *re: "Online Land Administration and Management System-Public Land Application (LAMS-PLA)"*, conducted by DENR MIMAROPA Region, on February 22-24, 2023 at Citystate Tower Hotel, Manila, attended by the following personnel, to wit:

1. AO I Jinky D. Sarong
2. LMI Renan Kenneth M. Fuentes

For information and record.

[Signature]  
**LEONARD T. CALUYA**

M.Rodriguez St. Poblacion District I, Brooke's Point Palawan 5305  
Mobile Phone: Globe: 0945-257-1402; Smart: 0912-429-0856  
Email/Gmail: cenro\_brkspt@yahoo.com; [cenrobrkspt@gmail.com](mailto:cenrobrkspt@gmail.com)

 **DENR-CENRO  
BROOKES POINT**  
**RELEASED**  
DATE: 08 MAR 2023  
BY: [Signature]  
CENRO - 1251



Republic of the Philippines  
Department of Environment and Natural Resources  
MIMAROPA Region  
**COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE**

March 07, 2023

FOR : The Regional Executive Director  
DENR, MIMAROPA Region  
1515 L&S Building  
Roxas Blvd., Ermita, Manila

THRU : The Provincial Environment and  
Natural Resources Officer  
Puerto Princesa City, Palawan

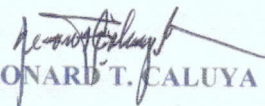
FROM : The Community Environment and  
Natural Resources Officer

SUBJECT : **SUBMISSION OF INDIVIDUAL LEARNING REPORT**

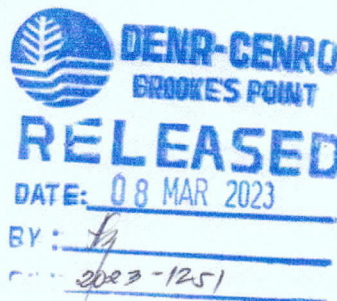
In compliance with the Regional Special Order No. 247, series of 2020, we are submitting herewith the Individual Learning Report on the training, *re: "Online Land Administration and Management System-Public Land Application (LAMS-PLA)"*, conducted by DENR MIMAROPA Region, on February 22-24, 2023 at Citystate Tower Hotel, Manila, attended by the following personnel, to wit:

1. AO I Jinky D. Sarong
2. LMI Renan Kenneth M. Fuentes

For information and record.

  
LEONARD T. CALUYA

M. Rodriguez St. Poblacion District I, Brooke's Point Palawan 5305  
Mobile Phone: Globe: 0945-257-1402; Smart: 0912-429-0856  
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Republic of the Philippines  
Department of Environment and Natural Resources  
MIMAROPA Region  
**COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE**  
Brooke's Point, Palawan - 5305  
Email Address: cenro\_brkspt@yahoo.com

## INDIVIDUAL LEARNING REPORT

Part 1 (To be prepared by the participant)

<b>Name of Participant:</b>	JINKY D. SARONG
<b>Office/Service:</b>	CENRO BROOKE'S POINT / PLANNING AND SUPPORT UNIT
<b>Training Title:</b>	ONLINE LAND ADMINISTRATION AND MANAGEMENT SYSTEM-PUBLIC LAND APPLICATION (LAMS-PLA)
<b>Learning Providers:</b>	MIMAROPA Regional Office
<b>Inclusive Dates:</b>	February 22-24, 2023
<b>Venue:</b>	Citystate Hotel, Manila

### I. EVALUATION OF THE COURSE:

- Technical Content:** The topics presented were (1) Basic Concept of LAMS Philippines (2) Public Land Application (PLA) Rationale (3) Public Land Application (PLA) Overview (4) LAMS-PLA-System Overview and (5) Patent Stages. Uses and application of Land Information were discussed together with LAMS objectives and operational benefits. There are four (4) major components of LAMS, these are (1) Client Transaction Monitoring (CTM) (2) Inspection Verification and Approval Process (IVAS) (3) Public Land Application and (4) e-Survey Plan. Guidelines and policies of LAMS Philippines are also provided to serve as basis of its implementation. It is understood that using Online LAMS System, we are creating a digital carpeta for Public Land Application. Furthermore, survey plan from Regional Office and Land Registration Authority (LRA) status are also available in the system.
- Impression/Comments:** The content of the presentations and discussions of the resource speakers were all captivating and informative which are very much useful for implementation of Online LAMS-PLA. Moreover, it is timely that the objectives and operational flow of Online LAMS-PLA system were discussed since most of the Regional Office and Central Office of DENR is already using the system.

### II. RELEVANCE OF THE LEARNING EVENT TO PARTICIPANT'S WORK/FUNCTION:

Since the land investigator and LAMS Focal Person which in CENRO Brookes Point is the records officer are both personnel in charge on Public Land Application, the training was helpful on how to use the online platform effectively.

### II. RECOMMENDATIONS:

The DENR MIMAROPA must consider an additional fund allocation for LAMS encoder and/or LAMS administrator assigned to records office for encoding and scanning of incoming public land application. He/she will focus only on LAMS-PLA.

IV. POST LEARNING ACTION PLAN/PROPOSAL:	
Proposed Plan/Activity/Output	Time Frame
Re-echo of learnings and reminders during the workshop	March 13, 2023

**Part 2 (To be prepared by the Supervisor)**

How will you support the post Learning Action/Proposal?

Give time and opportunity to re-echo and share the information gained during the training.

Have you discussed any concerns/resources needed by your subordinate so that he/she can effectively transfer the skills and knowledge gained from the training?

Yes.

Would you be willing to send him/her again to other training/seminar/conference?

Yes / No      Others     

If yes, please specify courses.

Public Land Application Processes ; ADR

**Submitted by:**

**JINKY D. SARONG**

Attendee

March 6, 2023

Date

**Noted/Confirmed by:**

**LEONARD T. CALUYA**

Supervisor





Republic of the Philippines  
Department of Environment and Natural Resources  
MIMAROPA Region  
**COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE**  
Brooke's Point, Palawan - 5305  
Email Address: cenro\_brkspt@yahoo.com

## INDIVIDUAL LEARNING REPORT

Part 1 (To be prepared by the participant)

<b>Name of Participant:</b>	RENAN KENNETH M. FUENTES
<b>Office/Service:</b>	DENR-CENRO BROOKE'S POINT, PALAWAN
<b>Training Title:</b>	<u>Training on Online Land Administration and Management System-Public Land Application (LAMS-PLA)</u>
<b>Learning Providers:</b>	DENR-MIMAROPA Region
<b>Inclusive Dates:</b>	February 22-24
<b>Venue:</b>	Citystate Tower Hotel, Manila

### I. EVALUATION OF THE COURSE:

- Technical content:

The Training/Learning event focus in the modernization of the Public Land Application using the Land Administration Management System (LAMS) which is an online way to make the manual public land application moves to less paper and soon will become a paperless application. The speaker person insists that the said system is easier to understand and has a friendly interface that the user can use it correctly. Moreover the system is designed to help the applicant to know where his/her application is and what process is in right now.

- Impression/Comments

The three (3) days training is an additional learning for us especially for me as a newly hired personnel, not just from RPS but also in other section since this office is implementing a functional organizational structure. The speakers of the training is well-trained personnel of the Regional office and they also explained the nature of LAMS in a very clearly manner. The seminar is priceless and very vital, we obtained learning in line with our line of duties and functions which will be very vital to deliver services to our constituents. A learning where we can share our knowledge to the co-employee as well as to the community and giving them efficient and good services.

### II. RELEVANCE OF THE LEARNING EVENT TO PARTICIPANTS WORK/FUNCTION

The three (3)-days training provided a flat form on how to deliver the services by a online to the community in line with the mandate, core values and priority programs of the DENR.

### III. RECOMMENDATIONS

Since LAMS is an online system it requires a strong internet connection and although we have an Internet connection, sometimes the office experience the slower connection and causes to delay the other transaction of the office, it is suggested that a strong internet to cater the needs and requirements in the new normal situation in terms of capacitation and training of personnel should be provided.

IV. POST LEARNING ACTION PLAN/PROPOSAL	
PROPOSED PLAN/ ACTIVITY/ OUTPUT	TIME FRAME
Re-echo of learning during the workshop/training	Succeeding Monday forum

**Part 2 (To be accomplished by Supervisor)**

How will you support the post Learning Action Plan/Proposal?

Have you discussed any concerns / resources needed by your subordinate so that he/she can effectively transfer/apply the skills and knowledge gained from the training?

Would you be willing to send him/ her again to other training/seminars/conference?

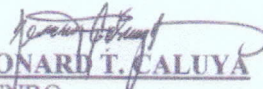
Yes / \_\_\_\_ No \_\_\_\_ Others \_\_\_\_

If yes, please specify courses

Submitted by:

  
**RENAN KENNETH M. FUENTES**  
LMI

Noted/Confirmed by:

  
**LEONARD T. CALUYA**  
CENRO

**February 28, 2023**

Date





Republic of the Philippines  
Department of Environment and Natural Resources  
MIMAROPA Region  
**COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE**

February 27, 2023

FOR : The Regional Executive Director  
DENR, MIMAROPA Region  
1515 L&S Building  
Roxas Blvd., Ermita, Manila

THRU : The Provincial Environment and  
Natural Resources Officer  
Puerto Princesa City, Palawan

FROM : The Community Environment and  
Natural Resources Officer

SUBJECT : **SUBMISSION OF INDIVIDUAL LEARNING REPORT**


**DENR PENRO  
PALAWAN RECORDS  
RECEIVED**

BY: [Signature]  
DATE: 0303-2023 23:1889

In compliance with the Regional Special Order No. 247, series of 2020, we are submitting herewith the Individual Learning Report on the training, *re: "Method Calibration Workshop"*, conducted by Mount Mantalingahan Protected Landscape (MMPL), on February 22-23, 2023 in Quezon, Palawan attended by the following personnel, to wit:

1. FR Buenafe, Christopher C.
2. FR Ronas, Rodel A.

For information and record.

 **DENR-CENRO**  
BROOKE'S POINT  
**RELEASED**  
DATE: MAR 02 2023  
BY: [Signature]  
CN: 2023-1165

[Signature]  
**LEONARD T. CALUYA**

M. Rodriguez St. Poblacion District I, Brooke's Point Palawan 5305  
Mobile Phone: Globe: 0945-257-1402; Smart: 0912-429-0856  
Email/Gmail: cenro\_brkspt@yahoo.com; cenrobrkspt@gmail.com



## INDIVIDUAL LEARNING REPORT

### Part 1 (To be prepared by the participant)

Name of Participant:	Christopher Buenafe
Office/Service:	DENR CENRO Brooke's Point/CDS
Training Title:	Method Calibration Workshop
Learning Providers:	Mount Mantalingahan Protected Landscape (MMPL)
Inclusive Dates:	February 22 to 23, 2023
Venue:	Quezon Palawan

### I. EVALUATION OF THE COURSE:

#### • Technical Content:

This Learning Event incorporates lectures and topics relative to Basic information/knowledge/insights on:

1. Overview to high conservation value areas framework.
2. Aerial ground truthing survey
3. Biodiversity methods and survey
  - Site selection and camp establishment
  - Flora assessment
  - Avifauna assessment
  - Herpetofauna assessment
  - Mammals assessment
4. Study of land use survey

#### • Impression/Comments:

1. The learning providers and speakers made their topics interactive and easy to understand. Queries and concerns they answered nicely and we understood better.

### II. RELEVANCE OF THE LEARNING EVENT TO PARTICIPANT'S WORK/FUNCTION:

- This workshop provide information and ideas re: the importance of the biodiversity in the absorption of a carbon and how more ideas technically to  
This learning events provide knowledge related to the importance and benefits of the flora and fauna to the human being, and also this learning reminds for me as a DENR employee for protecting and conserved the healthy environment to preserve for the future generation. Through implementing in accordance to the existing policy.

### III. RECOMMENDATIONS:

- Sustained the dissemination of the information and Education Campaign IEC of the communities that engaged or depends their life to the forest
- The management provide effective implementation plan and strategy how to restore and rehabilitate the deforested mangroves.



IV. POST LEARNING ACTION PLAN/PROPOSAL:	
Proposed Plan/Activity/Output	Time Frame
Conducts re-echo at the CENRO level to share major take-away on lectures/topics and/or other updates/agreements discussed/presented during the learning event.	Monday Forum
Apply knowledge/insights gained from the learning event.	Whenever and wherever possible

**Part 2 (To be prepared by the Supervisor)**

How will you support the post Learning Action/Proposal?

Provide technical support and monitoring of the implementation in the discharging of duties in connection with the above mentioned post learning action plan/proposal

Have you discussed any concerns/resources needed by your subordinate so that he/she can effectively transfer the skills and knowledge gained from the training?

Yes

Would you be willing to send him/her again to other training/seminar/conference?

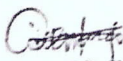
Yes ☒ No ☐ Others ☐

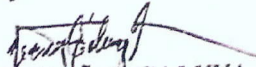
If yes, please specify courses.

Follow-up/refresher trainings/learning events relative to Recent and Historical Extents of Mangroves in the Philippines.

Submitted by:

Noted/Confirmed by:

  
**CHRISTOPHER C. BUENAFE**  
Attendee

  
**LEONARD T. CALUYA**  
CENRO

February 28, 2023  
Date



## INDIVIDUAL LEARNING REPORT

### Part 1 (To be prepared by the participant)

Name of Participant:	Rodel Ronas
Office/Service:	DENR CENRO Brooke's Point/CDS
Training Title:	Method Calibration Workshop
Learning Providers:	Mount Mantalingahan Protected Landscape (MMPL)
Inclusive Dates:	February 22 to 23, 2023
Venue:	Quezon Palawan

### I. EVALUATION OF THE COURSE:

- **Technical Content:**

This Learning Event incorporates lectures and topics relative to Basic information/knowledge/insights on:

1. Overview to high conservation value areas framework.
2. Aerial ground trothing survey
3. Biodiversity methods and survey
  - Site selection and camp establishment
  - Flora assessment
  - Avifauna assessment
  - Herpetofauna assessment
  - Mamals assessment
4. Study of land use survey

- **Impression/Comments:**

1. The learning providers and speakers made their topics interactive and easy to understand. Queries and concerns they answered nicely and we understood better.

### II. RELEVANCE OF THE LEARNING EVENT TO PARTICIPANT'S WORK/FUNCTION:

- This workshop provide information and ideas re: the importance of the biodiversity in the absorption of a carbon and how more ideas technically to  
This learning events provide knowledge related to the importance and benefits of the flora and fauna to the human being, and also this learning reminds for me as a DENR employee for protecting and conserved the heathy environment to preserve for the future generation. Through implementing in accordance to the existing policy.

### III. RECOMMENDATIONS:

- Sustained the dissemination of the information and Education Campaign IEC of the communities that engaged or depends their life to the forest
- The management provide effective implementation plan and strategy how to restore and rehabilitate the deforested mangroves.



**IV. POST LEARNING ACTION PLAN/PROPOSAL:**

Proposed Plan/Activity/Output	Time Frame
Conducts re-echo at the CENRO level to share major take-away on lectures/topics and/or other updates/agreements discussed/presented during the learning event.	Monday Forum
Apply knowledge/insights gained from the learning event.	Whenever and wherever possible

**Part 2 (To be prepared by the Supervisor)**

How will you support the post Learning Action/Proposal?

Provide technical support and monitoring of the implementation in the discharging of duties in connection with the above mentioned post learning action plan/proposal

Have you discussed any concerns/resources needed by your subordinate so that he/she can effectively transfer the skiPIIs and knowledge gained from the training?

Yes.

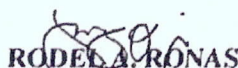
Would you be willing to send him/her again to other training/seminar/conference?

Yes ☒ No ☐ Others ☐

If yes, please specify courses.

Follow-up/refresher trainings/learning events relative to Recent and Historical Extents of Mangroves in the Philippines.

Submitted by:

  
**RODELA A. RONAS**  
Attendee

February 28, 2023

Date

Noted/Confirmed by:

  
**LEONARD T. CALUYA**  
CENRO



Republic of the Philippines  
Department of Environment and Natural Resources  
MIMAROPA Region  
**COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE**

March 01, 2023

FOR : The Regional Executive Director  
DENR, MIMAROPA Region  
1515 L&S Building  
Roxas Blvd., Ermita, Manila

THRU : The Provincial Environment and  
Natural Resources Officer  
Puerto Princesa City, Palawan

FROM : The Community Environment and  
Natural Resources Officer

SUBJECT : **SUBMISSION OF INDIVIDUAL LEARNING REPORT**

**DENR PENRO  
PALAWAN RECORDS  
RECEIVED**

BY: [Signature]  
DATE: 12/03/2023 IN 23-1889

In compliance with the Regional Special Order No. 247, series of 2020, we are submitting herewith the Individual Learning Report on the training, *re: "Forest Carbon Inventory Training"*, conducted by Conservation International-Philippines, on February 6-12, 2023 at Maruyog Ridge, Brooke's Point, Palawan attended by the following personnel, to wit:

1. ECOMS II Rachel H. Appie
2. FT I Reynaldo V. Palisoc

For information and record.



**DENR-CENRO  
BROOKE'S POINT**

**RELEASED**

DATE: MAR 02 2023

BY: [Signature]

1027-1161

[Signature]  
**LEONARD T. CALUYA**

M. Rodriguez St. Poblacion District I, Brooke's Point Palawan 5305  
Mobile Phone: Globe: 0945-257-1402; Smart: 0912-429-0856  
Email/Gmail: cenro\_brkspt@yahoo.com; cenrobrkspt@gmail.com





Republic of the Philippines  
Department of Environment and Natural Resources  
MIMAROPA Region  
COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE  
Brooke's Point, Palawan - 5105  
Email Address: cenro\_bkpspt@yahoo.com

## INDIVIDUAL LEARNING REPORT

Part I (To be prepared by the participant)

Name of Participant:	RACHEL H. APPIE
Office/Service:	CENR/PSU/CDS
Training Title:	FOREST CARBON INVENTORY TRAINING
Learning Providers:	CONSERVATION INTERNATIONAL-PHIL.
Inclusive Dates:	February 6-12, 2013
Venue:	Maruyog Ridge, Brooke's Point, Palawan

### I. EVALUATION OF THE COURSE:

- **Technical Content:** Carbon uptake and storage is one of the ecosystem services that are being provided by our forest. Composition and forest types as well as tree species and volume provides different value and importance in computing and accounting carbon stock of an area. Also, carbon emission brought by different activities conducted by human contributed to climate change, which by this time is very eminent all over the world.

The training provided by the training provider/Resource Speakers has two-part: indoor theory training and an outdoor practical training:

Part I: introduction on general concepts on the conduct of forest and mangrove inventory, familiarity on equipment used for measuring height, diameter and distance was conducted. Also, the Resource speakers prepared and capacitated the project partners on the knowledge and process of inventory, introduce the concept and method of plot establishments and process of inventory for the carbon stock accounting.

Part II: Practical training or field exposure. The Speakers showed the process of plot establishment, process and procedure of inventory/accounting and data collection for terrestrial (2 groups were formed) and mangrove (1 group). Different types of tree defects and situations were also discussed for information of participants.

- **Impression/Comments:** As a Forester, the methods and techniques in the conduct of inventory were already learned during our academic year and being practiced and applied in our workplace. Hence, the training provider should also show and discuss the process of computation of carbon stock deposited in an area and analysis of data collected in the field.

### II. RELEVANCE OF THE LEARNING EVENT TO PARTICIPANT'S WORK/FUNCTION:

Carbon stock accounting and inventory are very relevant to analyze data especially the efforts of the DENR and other agencies in the conduct of rehabilitation. Since other countries and companies pay monetary value to offset their contributed carbon in the atmosphere, it is high time that the DENR personnel should be capacitated and

knowledgeable in this kind of study to analyze the contribution of implemented programs especially the eNCP in accounting carbon stock deposit of the country

**III. RECOMMENDATIONS:** DENR personnel should be provided and allowed to attend on this kind of training for continuous learning and understanding. Also, the involvement of field personnel in developing tool to measure carbon stock and analyze data should also be realized

**IV. POST LEARNING ACTION PLAN/PROPOSAL:**

Proposed Plan/Activity/Output	Time Frame
Conduct and/or initiate an in-depth study, research, understanding and comprehension on carbon stock inventory	CY 2023

**Part 2 (To be prepared by the Supervisor)**

How will you support the post Learning Action/Proposal?

Support the proposed activities and advice several references, studies and research related to carbon stock inventory

Have you discussed any concerns/resources needed by your subordinate so that he/she can effectively transfer the skills and knowledge gained from the training?

Yes

Would you be willing to send him/her again to other training/seminar/conference?

Yes / No Others

If yes, please specify courses.

Paper presentation, training and workshop on Carbon Stock Inventory, Accounting and Analysis

**Submitted by:**

  
RACHEL D. APPIE  
Attendee

February 20, 2023  
Date

**Noted/Confirmed by:**

  
LEONARD T. CALUYA  
Supervisor





Republic of the Philippines  
Department of Environment and Natural Resources  
MIMAROPA Region  
**COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE**  
Brooke's Point, Palawan

## INDIVIDUAL LEARNING REPORT

### Part I (To be prepared by the participant)

<b>Name of Participant:</b>	Reynaldo V. Palisoc
<b>Office/Service:</b>	DENR CENRO Brooke's Point/MES
<b>Training Title:</b>	Forest Carbon Inventory Training
<b>Learning Providers:</b>	Conservation International (CIP)
<b>Inclusive Dates:</b>	February 8-11, 2023
<b>Venue:</b>	Maruyog's Ridge Convention center in Brooke's, Point Palawan

### I. EVALUATION OF THE COURSE:

#### • Technical Content:

This Learning Event incorporates lectures and topics relative to Basic information/knowledge insights on:

1. Indoor theoretical training using a slide show with limited outdoor activities at the venue, including demonstrations on how to measure individual trees
2. Trainers will demonstrate how to install and measure terrestrial training plot within the Project Area.
3. Trainees will install and measure a terrestrial training plot within the project area with the trainers input and assistance
4. Trainees will install and measure a terrestrial training plot within the project area without the trainer's assistance. The trainer will then demonstrate QA/QC procedure to assess accuracy of training plot.

#### • Impression/Comments:

1. The learning providers and speakers made their topics interactive and easy to understand. Queries and concerns they answered nicely and we understood better.

### II. RELEVANCE OF THE LEARNING EVENT TO PARTICIPANT'S WORK/FUNCTION:

- This Forest carbon inventory training help me to use in proper handling of the Measuring Distance Equipment MDE and Clinometer.
- Nonetheless this Forest carbon inventory training, it gives vital information/knowledge and strategies when it comes to carbon inventory is concern.
- Definitely this forest carbon inventory training help me to determine the accuracy/conservative of the data collected, based on the methodologies and equipment to be used it.
- This Training helped me to understand the goals/ objectives of Conservation International Philippines (CIP) in Mount Mantalingahan Protected Landscape (MMPL).
- This Training helped me to increase the breadth of knowledge, specifically the comparison of hardwood and softwood in terms of the amount/volume of carbon stock or sequester
- This Training helped me understand the role/ benefit that MMPL plays in every person who breathes fresh air and absorbs carbon, because of it. Need cooperation/participation of different agency and communities to preserved and protect the remaining resources /diverse and its beauty

Page 1 of 2

M.Rodriguez St. Poblacion District I, Brooke's Point Palawan 5305  
Mobile Phone: Globe: 0917-502-8961  
Email: [cenrobrookespoint@denr.gov.ph](mailto:cenrobrookespoint@denr.gov.ph)

- This Forest carbon inventory training it helped me as DENR employee to elevated the level of awareness of those people/community engaged in the forest, realize the importance of forest in terms of carbon absorption particularly in MMPL, and the other hand it may be possible to benefit in carbon credit. Therefore this project if ever proceed/establish it helped to reduce the unpleasant activities in MMPL.

### III. RECOMMENDATIONS:

- Further, inform our office regarding the result of the forest carbon inventory training conducted specifically on the established sampling plot at terrestrial and mangrove.
- Conduct spatial analysis to determine if the terra carbon project will appropriate in MMPL.
- Pursue the dissemination of the information and Education Campaign IEC in MMPL.
- Sustain this training in MMPL.

### IV. POST LEARNING ACTION PLAN/PROPOSAL:

Proposed Plan/Activity/Output	Time Frame
Conducts re-echo at the CENRO level to share major take-away on lectures/topics and/or other updates/agreements discussed/presented during the learning event.	Monday Forum
Apply knowledge/insights gained from the learning event.	Whenever and wherever possible

### Part 2 (To be prepared by the Supervisor)

How will you support the post Learning Action/Proposal?

Provide technical support of the implementation in the discharging of duties in connection with the above mentioned post learning action plan/proposal

Have you discussed any concerns/resources needed by your subordinate so that he/she can effectively transfer the skills and knowledge gained from the training?

Yes.

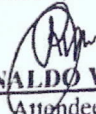
Would you be willing to send him/her again to other training/seminar/conference?

Yes ☒ No ☐ Others ☐

If yes, please specify courses.

Follow-up/refresher trainings/learning events relative to the Environmental Law Enforcement for MMPL

Submitted by:

  
**REYNALDO V. PALAISOC**  
Attendee

February 21, 2023  
Date

Noted/Confirmed by:

  
**LEONARD T. CALUYA**  
CENRO

Page 2 of 2

M. Rodriguez St. Poblacion District 1, Brooke's Point Palawan 5305  
Mobile Phone: Globe: 0917-502-8961  
Email: [cenrobrokepoint@denr.gov.ph](mailto:cenrobrokepoint@denr.gov.ph)





**TRAINING OUTLINE**  
**FOREST CARBON INVENTORY TRAINING**  
 February 6-12, 2023  
 Palawan, Philippines

Carbon uptake and storage is one of the many ecosystem services that forests provide. Over the past decades, forests have moderated climate change by absorbing carbon emitted by human activities such as the burning of fossil fuels and the changing of land uses. Carbon uptake by forests reduces the rate at which carbon accumulates in the atmosphere and thus reduces the rate at which climate change occurs.

Forest ecosystems represent the largest carbon sink on earth such that the United Nations Framework Convention on Climate Change (UNFCCC) has recognized their management as an effective strategy for offsetting greenhouse gas (GHG) emissions. Under the UNFCCC, countries must monitor and report greenhouse gas (GHG) emissions and changes in the carbon stock in their managed forests. This means tracking changes that result from forest growth, decomposition, disturbances, harvesting, and land-use changes. Information from forest carbon monitoring would also help stimulate future scenarios that scientists and policymakers or analysts can then use to design and assess mitigation and adaptation strategies.

As part of its capacity development initiative for staff, government, and CSO partners, Conservation International Philippines (CIP) spearheads the conduct of a forest carbon inventory training with support from TerraCarbon LLC, a leading advisory firm that helps develop carbon offset projects to fund natural climate solutions.

The training will introduce general concepts of terrestrial forest and mangrove inventory, with the goal of adequately preparing project partners in implementing carbon inventory by exposing participants to forest carbon inventory techniques and data collection in the field using modern equipment. The training will consist of two parts: an indoor theory training and an outdoor practical training.

**Planned Activities**

Day	Activities	
	Terrestrial Team	Mangrove Team
1	Indoor theoretical training using a slideshow with limited outdoor activities at the venue, including demonstrations on how to measure individual trees.	
2	Trainers will demonstrate how to install and measure a terrestrial training plot within the Project Area.	Trainers will demonstrate how to install and measure a blue carbon transect including nested vegetation plots, soil coring, and establishment of feldspar marker horizons within the Project Area.

CONSERVATION  
INTERNATIONAL



Philippines



Day	Activities	
	Terrestrial Team	Mangrove Team
3	Trainees will install and measure a terrestrial training plot within the Project Area with the trainer's input and assistance	Trainees will install and measure a blue carbon transect (including plots, soil sampling, & feldspar) within the Project Area with the trainer's input and assistance
4	Trainees will install and measure a terrestrial training plot within the Project Area without the trainer's assistance. The trainer will then demonstrate QA/QC procedure to assess accuracy of training plot.	Trainees will install a blue carbon training transect, measure at least one vegetative plot, sample soil carbon, and install a feldspar marker horizon within the Project Area without the trainer's assistance. The trainer will then demonstrate QA/QC procedure to assess accuracy of training plot.

### Clothing Considerations

It is important that the training attendees are safely clothed for the forested environment in which the training will occur. For the terrestrial team, long pants and closed-toed footwear with ankle support, such as boots, are recommended. Long-sleeved shirts are preferred by some to protect the arms, as are hats and work gloves. It is also advisable to bring a raincoat or rain poncho. Be prepared to get dirty on the field practical days!

For mangrove work, closed-toed footwear with ankle support, such as sturdy hiking or jungle boots, are recommended. Wader-style boots or anything with an open top that can fill with water are not recommended and will likely get stuck and come off during field work. Full-foot diving booties can be worn in mangroves as long as they have a hard rubber tread (example), but will offer less ankle support than regular boots. Long-sleeved shirts are highly recommended to protect the arms, as are mosquito vests and hats (or head nets). Cloth work gloves with rubberized grips are recommended for soil coring and feldspar plot installation. Be prepared to be standing in water or mud or both all day and staying very wet and muddy throughout the day. Some light climbing in and around prop roots will likely be required. All clothing and footwear will get wet and muddy. Anything that is required to stay dry must be carried in a sealed Pelican case or roll-top waterproof bag/backpack.



### Itinerary

Date / Time	Activity	Remarks
<b>February 6, 2023: Arrival in Puerto Princesa City</b>		
12:00 PM – 7:00 PM	Arrival in Puerto Princesa City and check-in at Canvas Boutique Hotel	<p>Vaccine cards are required upon airport and hotel check-in.</p> <p>Participants will be picked up at Puerto Princesa International Airport by hotel shuttle.</p> <p>For government and CSO partners from outside of Palawan, please arrange your transportation from your office/residence to NAIA and vice versa. For reimbursements, please refer to the Travel Agreement that will be sent separately.</p>
<b>February 7, 2023: Travel to Southern Palawan and Landscape Tour</b>		
8:00 AM	Depart Puerto Princesa City	<p>Participants checked in at Canvas Boutique Hotel will be picked up by a designated shuttle.</p> <p>Puerto Princesa-based participants will also be picked up by a designated shuttle at the Canvas Boutique Hotel.</p> <p>Route: West coast (Quezon &gt; Rizal &gt; Bataraza &gt; Brooke's Point)</p> <p>Packed lunch will be provided</p>
5:00-6:00 PM	Arrival at Brooke's Point, Palawan Check-in at Maruyog's Ridge Convention Center	Dinner will be provided
Participants from municipalities in Southern Palawan must be at Maruyog's Ridge Convention Center by the morning of February 8.		
<b>February 8, 2023: Forest Carbon Inventory Training (classroom session)</b>		
9:00 AM – 4:00 PM	Forest Carbon Inventory Training (classroom session) Venue: Maruyog's Ridge Convention Center, Brooke's Point	Meals will be provided



## Travel Advisory

### Palawan-specific travel requirements:

*For participants from outside of Palawan*

- Fully vaccinated travelers must present a valid vaccination card or certificate at the airport and hotel.
- Non-vaccinated or partially vaccinated travelers must present a valid RT-PCR test with a negative result from any DOH-accredited laboratories within 48 hours prior to entry to Palawan.
- Approved S-PASS from <https://s-pass.ph/>

### COVID-19 prevention and management:

Although we are vaccinated and are used to taking solid precautionary measures, we ask that we all please observe the following:

- **Before travel**  
Please administer a **rapid antigen test 24 hours before departure/travel**. Keep a photo of the negative result in case it's needed. If the result came out positive, please isolate and advise CIP immediately.
- **During travel**  
Please note that **wearing face masks on any public transportation** is still **mandatory**. Use the N95 or equivalent mask, disinfect surfaces (especially high-contact ones on planes, restaurants, vehicles, etc.), thoroughly wash and sanitize your hands, and observe physical distancing as much as possible.
- **During the activity**  
Continue to **wear a face mask**, especially in enclosed spaces unless removal is necessary (e.g. during meals or group picture taking), and observe physical distancing as much as possible. In case you are not feeling well, please advise CIP immediately for appropriate action.

### Communications:

- Basic network coverage and internet connection are available in Puerto Princesa City but may be spotty in some areas in Southern Palawan. Please expect low to no network connection especially during fieldwork.
- Maruyog's Ridge Convention Center has available wi-fi and network coverage but please expect downtimes now and then.
- To facilitate communication in the field, a group chat will be created via WhatsApp. Details of your WhatsApp account will be asked by a CIP staff during the first day (classroom session) of the training. Please be reminded that the group chat will be used solely for training-related concerns/purposes.
- For any concerns, please email **Paula Vila** at [pvila@conservation.org](mailto:pvila@conservation.org) or you may contact her at +639688634467.



**Local weather:**

Palawan is a tropical island with temperatures ranging from 24°C to 31°C in the month of January. The prevailing wind system during this time is the Northeast Monsoon (Amihan) which is characterized by moderate temperatures, little or no rainfall, and a prevailing wind from the east. Typhoons and low-pressure areas (LPA) can hit the Philippines any time of year, with the months of June to September being most active and May the least active.

**Suggested packing:**

Following the weather in January and recommended travel and training kit, the following items are suggested for packing:

- **Travel and indoor training**
  - Casual and comfortable work clothes
  - Passport, if applicable
  - Valid IDs
  - COVID-19 vaccine card
  - Face masks
  - Alcohol and/or wet wipes
  - Notebook/Notepad and pens
  - Work laptop and charger
  - International plug adapter
  - Power bank
  - Closed shoes and flip-flops
  - Medication and personal items (eyeglass, contact lenses, feminine products, toiletries, etc.)
- **Fieldwork**
  - Comfortable and quick-drying clothes (long sleeves shirt, light pants)
  - Rain jacket/raincoat
  - Trekking shoes (closed-toe trekking shoes or boots with good ankle support and grip for terrestrial and mangrove fieldwork)
  - Flip-flops
  - Quick drying towel
  - Bucket hats or floppy hats
  - Waterproof rolltop backpacks
  - Ziplock bags
  - Sunglasses
  - Sunscreen (recommended SPF 50) + protective lip balm
  - Insect repellent
  - Water bottle
  - Snacks
  - Alcohol and/or wet wipes
  - Medication and personal items (eyeglass, contact lenses, feminine products, etc.)
  - Notepad and pens
  - Analog compass or digital compass applications

# RELEASE, WAIVER OF LIABILITY AND CONSENT TO MEDICAL TREATMENT

I, \_\_\_\_\_, have voluntarily agreed to participate in the **Forest Carbon Inventory Training in Palawan**, which may include training courses, workshops, field trips, day trips, field work, or any other activities associated with Conservation International Foundation's (CI) projects, activities, or programs.

1. I understand and acknowledge that I am not an employee of CI that I have no authority to bind CI or make representations on CI's behalf. I voluntarily agree to enter into this Release, Waiver of Liability and Consent to Medical Treatment to govern the terms of my participation in the **Forest Carbon Inventory Training in Palawan**.
2. I understand and acknowledge and accept that my participation in the **Forest Carbon Inventory Training in Palawan** may involve risks and dangers that could result in damage to or loss of personal property, personal injury or loss of life. These risks include, but are not limited to, travel to, within and from rustic and/or remote areas, under rugged conditions, by plane, helicopter, truck, bus, passenger vehicle, boat and other modes of transportation; a lack of adequate or immediately available medical care; forces of nature, unpredictable weather, dangerous wildlife; unstable political conditions and armed conflicts; unsanitary conditions, disease; scuba diving; tree climbing; and dangers that no amount of care, caution or experience can eliminate.
3. Having read and understood the terms of this Release and Waiver of Liability and in consideration of my participation in the **Forest Carbon Inventory Training in Palawan**, I for myself, my spouse, family, heirs, executors, administrators, and legal representatives HEREBY UNCONDITIONALLY AND FULLY RELEASE, WAIVE AND FOREVER DISCHARGE Conservation International Foundation, its officers, directors, agents, affiliates, employees, and members (collectively, "Releasees"), from any and every claim, liability, suit, debt, controversy, or dispute (including attorneys' fees and costs), of whatever kind or nature, either in law or in equity, related to, resulting directly or indirectly from, or in any way connected with my participation in the **Forest Carbon Inventory Training in Palawan**, whether due to the fault or negligence of Releasees, circumstances beyond Releasees' control, or otherwise. I understand and agree that Releasees have not expressly or impliedly assumed any duty or obligation toward me or associated with my participation in the **Forest Carbon Inventory Training in Palawan**.
4. I EXPRESSLY AND VOLUNTARILY ASSUME ALL RISK growing out of, incidental to, related to, resulting directly or indirectly from, or in any way connected with my participation in the **Forest Carbon Inventory Training in Palawan** whether due to the fault or negligence of Releasees, circumstances beyond Releasees' control, or otherwise, and including, but not limited to, my own activities before, during, and/or after the activity that are not part of the **Forest Carbon Inventory Training in Palawan**.
5. I further release Releasees and all other officials or professional personnel from any claim, liability, suit, debt, controversy, or dispute (including attorneys' fees and costs), of whatever kind or nature, either in law or in equity, on account of first aid, medical treatment or other health-related services rendered to me during my participation in the **Forest Carbon Inventory Training in Palawan**, and I shall assume full responsibility for payment of any such aid, medical treatment or other services so rendered.
6. I agree to indemnify Releasees from any loss, liability, damage or cost, including attorneys' fees and costs, they may incur growing out of, incidental to, related to, resulting directly or indirectly from, or in any way connected with my participation in the **Forest Carbon Inventory Training in Palawan**.
7. I understand and agree that, except as otherwise agreed to by CI in writing, the Releasees do not provide, carry, or maintain medical insurance and insurance coverage for claims related to bodily injury, loss of life, property damage, and/or economic damage to cover my participation in the **Forest Carbon Inventory Training in Palawan**. I am expected and encouraged to obtain my own health, medical, travel, disability, or other insurance coverage to insure against the risks and dangers assumed by me.
8. In the event that the **Forest Carbon Inventory Training in Palawan** entails scuba diving activities and I decide to participate in such scuba diving activities, I hereby represent and warrant:
  - that I am a certified scuba diver trained in safe diving practices, organization and certificate number \_\_\_\_\_
  - that I am aware of the risks inherent in this sport and accepts these risks;
  - that at the time of diving, I (i) will be in good mental and physical fitness for diving; (ii) will not be under influence of alcohol or any drugs that are contraindicatory to diving; and (iii) if taking medication, will have seen a physician and obtained approval to dive while under influence of any medication/drugs;
  - that I am aware of the dangers of breath holding while scuba diving and will not hold the Releasees responsible if I am injured doing so;
  - that I will be diving with a "buddy" and that it will be my and the buddy's responsibility to plan for my and the buddy's dive allowing for my and the Buddy's diving limitations and the prevailing water conditions. I will not hold the Releasees responsible for my failure to safely plan my dive;

Last revised April 2018



- that I will carefully inspect all of my equipment prior to the activity and will notify the Releasees if any of my equipment is not working properly. I will not hold the Releasees responsible for my failure to inspect said equipment prior to diving.
- that I am physically fit to scuba dive and will not hold the Releasees responsible if I am injured as a result of heart, lung, ear or circulatory problems or other illnesses that occur while diving.
- that I understand that even though all the appropriate dive practices are followed, there is still some risk of me sustaining decompression sickness, embolism or other hyperbaric injuries, and I expressly assume the risk of said injuries.
- that I expressly assume the risk and accept all responsibility to plan my dive and dive my plan;
- that I understand that scuba diving is a physically strenuous activity and that I will be exerting myself during scuba diving excursions and that if I am injured as a result of, without limitation, heart attack, panic, hyperventilation etc., that I expressly assume the risk of said injuries and that I will not hold the Releasees responsible for the same;
- that I understand that diving trips will occur at remote open-water sites and that there will be no immediate medical care or hyperbaric care available to me, and I expressly assume the risk of diving in such remote spots; and
- that I have obtained adequate diving insurance.
- that I will abide by all applicable provisions of the CI Dive Safety Manual (a copy of which has been made available to me and receipt of which I hereby acknowledge), any recommendations of the Dive Control Board, and that I will take all steps to ensure that I follow all such recommendations and requirements to ensure that I create no risk for me, CI employees, Directors, consultants, agents, or representatives.
- Each diver must feel comfortable with the dive, in terms of his or her ability, the equipment being used, dive conditions and other divers capacity, only if they are fully satisfied with the dive plan should they enter the water. Refusal to dive will in no way jeopardize the persons standing or relationship with CI.

9. This Release and Waiver of Liability contains the entire agreement between the parties regarding the subjects referenced herein, all prior oral and written communications regarding the subjects referenced in this Release and Waiver of Liability are merged herein.
10. This Release and Waiver of Liability may not be modified or changed orally, but only by an agreement in writing signed by the parties hereto.
11. The performance, construction and enforcement of this Release and Waiver of Liability shall be governed by the laws of the District of Columbia without regard to the principles of conflicts of laws. I agree that any dispute, controversy or claim arising out of or relating to this Release and Waiver shall be settled by confidential arbitration before one arbitrator and administered by the International Centre for Dispute Resolution ("ICDR"), a division of the American Arbitration Association ("AAA"), in accordance with its International Arbitration Rules, as at present in force. The arbitrator will be chosen by ICDR/AAA.
12. In case any provision (or any part of any provision) contained in this Release and Waiver of Liability shall for any reason be held to be invalid, illegal or unenforceable in any respect, such invalidity, illegality or unenforceability shall not affect any other provision (or remaining part of the affected provision) of this Release and Waiver of Liability, which shall be construed as if such invalid, illegal or unenforceable provision (or part thereof) had never been contained herein but only to the extent it is invalid, illegal or enforceable.
13. I have been fully and completely advised of potential dangers incident to participation in the **Forest Carbon Inventory Training in Palawan**. I have carefully read the foregoing Release and Waiver of Liability, am fully aware of the legal consequences of signing it, and have signed it of my own free will.

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Last revised April 2018

**Permission for Emergency Medical Treatment**

I, \_\_\_\_\_, hereby grant Conservation International ("CI") permission to authorize medical treatment on my behalf, including, but not limited to, administration of antibiotics, anesthesia and other medications, transfusions or blood products, life-saving and other necessary surgical procedures, and hospitalization, in the event that I am unable, for any reason, to authorize or approve of such treatment on my own behalf. I further agree to indemnify and hold CI harmless for any or all actions growing out of, incidental to, relating to, resulting directly or indirectly from, or arising out of any such emergency medical treatment. I agree that CI does not have any duty, obligation or responsibility to authorize or seek medical treatment on my behalf. The Release and Waiver of Liability that I have executed related to my participation in the **Forest Carbon Inventory Training in Palawan** is incorporated by reference herein.

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Last revised April 2018