



Republic of the Philippines
Department of Environment and Natural Resources
PENRO Marinduque

September 19, 2022

**FOR : The Regional Executive Director
DENR – MIMAROPA Region**

**THRU : The OIC-Assistant Regional Director
For Technical Services**

**FROM : The OIC, Provincial Environment and
Natural Resources Officer**

**SUBJECT : SUBMISSION OF FOURTH (4TH) QUARTER PATROL PLAN CY
2022 FOR LAWIN FOREST AND BIODIVERSITY PROTECTION
SYSTEM OF PENRO MARINDUQUE.**

Submitted herewith is the Fourth (4th) Quarter Patrol Plan of DENR-PENRO Marinduque with pertinent enclosures for LAWIN Forest and Biodiversity Protection System for the months of October to December, Calendar Year 2022.

This plan covers a total forest conservation area of 15, 077 hectares to be patrolled and monitored by 34 patrollers comprising three (3) females and thirty one (31) males, composed of the following:

• Forest Ranger	-	9
• Forest Technician I	-	2
• Forest Protection Officer	-	8
• Park Maintenance Foreman	-	1
• Park Ranger	-	6
• Field Laborer	-	6
• Forester 1	-	1
• Senior ECOMS/PASu	-	1
		<u>34</u>

For information and record.


IMELDA M. DIAZ

Patrol Plan for the Natural Forest in PENRO-MARINDUQUE

General Data

Size of natural forest area (ha):	15,077 hectares (12,409 ha of close forest and 2,668 hectares of mangrove forest)
Conservation targets	1. Deforestation rate reduced by 20% each year starting 2017 for the next 5 years.
	2. No expansion of the current or existing slash and burn farms.
	3. Maintain the 12,409 hectares of closed forest and prevent the destruction of the existing open forest, mangrove forest and other areas covered with established NGP plantation within the forest land. Thus, there will be no net forest loss.
	4. Incidence of timber poaching in terrestrial and mangrove forest, illegal logging, kaingin and small scale mining reduced by 20% each year starting 2017.
Target patrol distance (km) per quarter	90.00
Target barangays and municipalities to be covered within the period	Boac (Brgy. Tumagabok, Hinapulan, Binunga, Canat, Boi, Bayuti, Balagasan, Tugos, Duyay, Tambunan and Sibuyao)
	Gasan (Brgy. Tiguion, Antipolo and Tabionan)
	Buenavista (Bicas-bicas, Bagacay andTungib-Lipata)
	Sta. Cruz (Brgys. Hupi, Balogo, Kasily, Kalangkang, Ipil, Botilao, Buyabod, Biga, Alobo, Tawiran, Masaguisi, Angas, Lapu-lapu, Kamandugan, Taytay, Polo and
	Torrijos (Mabuhay, Bonliw, Suha, kayduke, Malinao, Salumagui and Dampulan)
	Mogpog (Nangka II, Laon, Capayang, Ino, Balanacan, Argao, Sayao and Hinanggayon)
Approximate area of natural forest in the target area to be covered within period (ha)	
Period covered by this plan	October to December 2022

Resource Managers	OIC-PENRO IMELDA M. DIAZ, Chief TSD Engr. CYNTHIA U. LOZANO In-Charge MES, Forester I, DON GIBSON D. MERCADO and Senior ECOMS/PASu, EMETERIO M. RECTO
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Names of patrollers and expertise

Number	Name of forest rangers, other DENR staff and volunteers who will conduct regular patrolling	Position (FR, FT, Forester)	Employment status (JO, permanent)	Qualified to conduct patrolling
1	Don Gibson D. Mercado	Forester I	Permanent	Yes
2	Michael Vencint M. Sualog	Forest Technician I	Permanent	Yes
3	Michael Joseph A. Maranan	Forest Ranger	Permanent	Yes
4	Florante G. Fandialan, Jr.	Forest Ranger	Permanent	Yes
5	Leopoldo G. Lucernas, Jr.	Forest Ranger	Permanent	Yes
6	Randy N. Estrella	Forest Ranger	Permanent	Yes
7	Jerahmeel L. Bronce	Forest Ranger	Permanent	Yes
8	Rica Quennie D. Radovan	Forest Ranger	Permanent	Yes
9	Jonathan L. Telan	Forest Ranger	Permanent	Yes
10	Mary Grace L. Esplana	Forest Protection Officer	JO	Yes
11	Eduardson N. Buatis	Forest Protection Officer	JO	Yes
12	Tristan Joshua O. Saet	Forest Protection Officer	JO	Yes
13	Ronnie N. Naranjo	Forest Protection Officer	JO	Yes
14	Khate Marjorie Villegas	Forest Protection Officer	JO	Yes
15	John Peter Apostol	Forest Protection Officer	JO	Yes
16	Roderick S. Villanueva	Park Maintenance Foreman	Permanent	Yes
17	Sherwin P. Villavicencio	Forest Ranger	Permanent	Yes
18	Michael Jason Leynes	Park Ranger	Jo	Yes
19	Gerald M. Liguit	Park Ranger	JO	Yes
20	Arnulfo M. Lazo, Jr.	Forest Protection Officer	JO	Yes
21	Michael R. Rocha	Forest Protection Officer	JO	Yes
22	Amando Rivamonte, Jr.	Park Ranger	JO	
23	Jake F. Valencia	Park Ranger	JO	Yes
24	Ireneo Villanueva	Biodiversity Protection Assistant/Field Laborer	JO	Yes
25	Regie Patulot	Park Ranger	JO	Yes
26	Jerry Sarile	Biodiversity Protection Assistant/Field Laborer	JO	Yes
27	Almer L. Peregrin	Forest Ranger	Permanent	Yes
28	Julius L. Manoos	Forest Technician I	Permanent	Yes
29	Leodegario J. Montiano	Biodiversity Protection Assistant/Field Laborer	JO	Yes
30	Elmer Lazarte	Biodiversity Protection Assistant/Field Laborer	JO	Yes
31	Pondador M. Manay	Park Ranger	JO	Yes
32	Celestino Lazo	Biodiversity Protection Assistant/Field Laborer	JO	Yes
33	Restituto M. Labog	Biodiversity Protection Assistant/Field Laborer	JO	Yes
34	Emeterio M. Recto	Senior ECOMS/PASu	Permanent	Yes

Patrol sectors

Patrol sectors	Name of sitio, barangay, municipality covered by sector	Approximate area of natural forest in the sector (ha)	Target threats to be recorded and addressed in the patrol sector	Target indicator species
1	Sector 1: All Mangrove forest and patches of Timberlands (including Mount Malindig) within the Municipalities of Mogpog, Sta. Cruz, Gasan, Buenavista & Torrijos.	2,668 has. Mangrove forest and 2,650.29 has. Close forest	Kaingin, timber poaching, cutting of trees slash and burn, small scale mining and wood charcoal making, illegal occupation and wildlife hunting.	Philippine Hawk-Eagle, Northern Hawk, Green Raquet-Tail (Prioniturus lucone), Pink-Bellied, Imperial-Pegion,
2	Sector 2: Protected Area (PA) Balagbag Mountain Ranges (Buenavista, Gasan, Torrijos & Boac)	5,622.61 has.	Kaingin, timber poaching, cutting of trees slash and burn, small scale mining and wood charcoal making, illegal occupation and wildlife hunting.	Blue Naped Parrot, Celestial Monarch, Yellow - breasted fruit-dove, Luzon Hornbill Philippine Warty pig Philippine Deer
3	Sector 3: Protected Area (PA) Central Mountain Ranges (Torrijos & Boac)	4,136.10 has.	Kaingin, timber poaching, cutting of trees slash and burn, small scale mining and wood charcoal making, illegal occupation and wildlife hunting.	Serpent Eagle Black Nape Oriole Phillippine Macaque Fruit bats Phillippine duck Monitored Lizard Civet cat Grass owl Butterfly

Patrol teams

Number	Office	Name of forest rangers, other DENR staff and volunteers who will conduct regular patrolling	Expertise (threats monitoring or indicator species monitoring)	Qualified ?	Present in workshop	Sector assignment	Team leader	Recorder
1	DENR	Don Gibson D. Mercado	Threats monitoring	Yes		Sector 1	X	
2	DENR	Michael Vencint M. Sualog	Threats monitoring	Yes		Sector 1		X
3	DENR	Michael Joseph A. Maranan	Threats monitoring	Yes		Sector 1		
4	DENR	Florante G. Fandialan, Jr.	Threats monitoring	Yes		Sector 1		
5	DENR	Leopoldo G. Lucernas	Threats monitoring	Yes		Sector 1		
6	DENR	Randy N. Estrella	Threats monitoring	Yes		Sector 1		
7	DENR	Jerahmeel L. Bronce	Threats monitoring	Yes		Sector 1		
8	DENR	Rica Quennie D. Radovan	Threats monitoring	Yes		Sector 1		
9	DENR	Jonathan L. Telan	Threats monitoring	Yes		Sector 1		
10	DENR	Mary Grace L. Esplana	Threats monitoring	Yes		Sector 1		
11	DENR	Eduardson N. Buatis	Threats monitoring	Yes		Sector 1		
12	DENR	Tristan Joshua O. Saet	Threats monitoring	Yes		Sector 1		
13	DENR	John Peter Apostol	Threats monitoring	Yes		Sector 1		
14		Ronnie N. Naranjo						
15		Khate Marjorie Villegas						
16	DENR	Roderick S. Villanueva	Threats monitoring	Yes		Sector 2	X	
17	DENR	Sherwin P. Villavicencio	Threats monitoring	Yes		Sector 2		X
18	DENR	Michael Jason Leynes	Threats monitoring	Yes		Sector 2		
19	DENR	Gerald M. Liguít	Threats monitoring	Yes		Sector 2		
20	DENR	Arnulfo M. Lazo, Jr.	Threats monitoring	Yes		Sector 2		
21	DENR	Michael R. Rocha	Threats monitoring	Yes		Sector 2		
22	DENR	Amando Rivamonte, Jr.	Threats monitoring	Yes		Sector 2		
23	DENR	Jake F. Valencia	Threats monitoring	Yes		Sector 2		
24	DENR	Ireneo Villanueva	Threats monitoring	Yes		Sector 2		
25	DENR	Regie Patulot	Threats monitoring	Yes		Sector 2		
26	DENR	Jerry Sarile	Threats monitoring	Yes		Sector 2		
27	DENR	Almer L. Peregrin	Threats monitoring	Yes		Sector 3	X	
28	DENR	Julius L. Manoos	Threats monitoring	Yes		Sector 3		X
29	DENR	Leodegario J. Montiano	Threats monitoring	Yes		Sector 3		
30	DENR	Elmer Lazarte	Threats monitoring	Yes		Sector 3		
31	DENR	Pondador M. Manay	Threats monitoring	Yes		Sector 3		
32	DENR	Celestino Lazo	Threats monitoring	Yes		Sector 3		
33	DENR	Restituto M. Labog	Threats monitoring	Yes		Sector 3		
34	DENR	Emeterio M. Recto	Threats monitoring	Yes		Sector 3		

Notes

Add more rows between DENR and Vols if needed

Schedule of patrols, teams and routes assignment for the period

Month	Week	Team (indicate number)	Activity/Type of patrol (threats focused or indicator species-focused, or coordination/response)	Specific routes (name sector number and specific sitio or barangay and municipality)	Target distance (km)
October	Week 2	Team 1	Threats focused	Sector 1: Brgy. Balogo, and Hupi, Polo, Sta. Cruz	5.00
October	Week 2	Team 2	Threats focused	Sector 2: Malibago, Torrijos to Bagtingon (Buenavista, Marinduque.	5.00
October	Week 2	Team 3	Threats focused	Sector 3: Canat, Hinapulan, Boac, Marinduque.	5.00
October	Week 3	Team 1	Threats focused	Sector 1: Brgy. Taytay, Angas and Tagum, Sta. Cruz, Marinduque	5.00
October	Week 3	Team 2	Threats focused	Sector 2: Balagbag Mountain Ranges (Buenavista, Gasan, Torrijos & Boac)	5.00
October	Week 3	Team 3	Threats focused	Sector 3: Brgy. Binunga, Canat, Boac	5.00
November	Week 2	Team 1	Threats focused	Sector 1: Brgy. Masaguisi, Suha and Kayduke, Torrijos, Marinduque	5.00
November	Week 2	Team 2	Threats focused	Sector 2: (Tabionan, and Antipolo, Gasan	5.00
November	Week 2	Team 3	Threats focused	Sector 3: Boi, Canat, Boac, Marinduque	5.00
November	Week 3	Team 1	Threats focused	Sector 1: Brgy. Hupi, Kasily and kalangkang , Sta. Cruz, Marinduque	5.00
November	Week 3	Team 2	Threats focused	Sector 2: Brgy. Tiguion and Tabionan, Gasan, Marinduque	5.00
November	Week 3	Team 3	Threats focused	Sector 3: Central Mountain Ranges (Torrijos & Boac)	5.00
December	Week 1	Team 1	Threats focused	Sector 1: Brgy. Kamandugan, and Ipil, Sta. Cruz, Marinduque	5.00
December	Week 2	Team 2	Threats focused	Sector 2: Bagtingon, Buenavista and Tambunan, Boac, Marinduque	5.00
December	Week 2	Team 3	Threats focused	Sector 3: Brgy. Boi and Bayuti, Boac, Marinduque.	5.00
December	Week 3	Team 1	Threats focused	Sector 1: Brgy. Brgy. Balogo, lupac and Tabigue,, Boac Marinduque	5.00
December	Week 3	Team 2	Threats focused	Sector 2: Balagbag Mountain Ranges (Buenavista, Gasan, Torrijos & Boac)	5.00
December	Week 3	Team 3	Threats focused	Sector 3: Brgy. Canat, Boi, Boac	5.00
Total					90.00

Notes

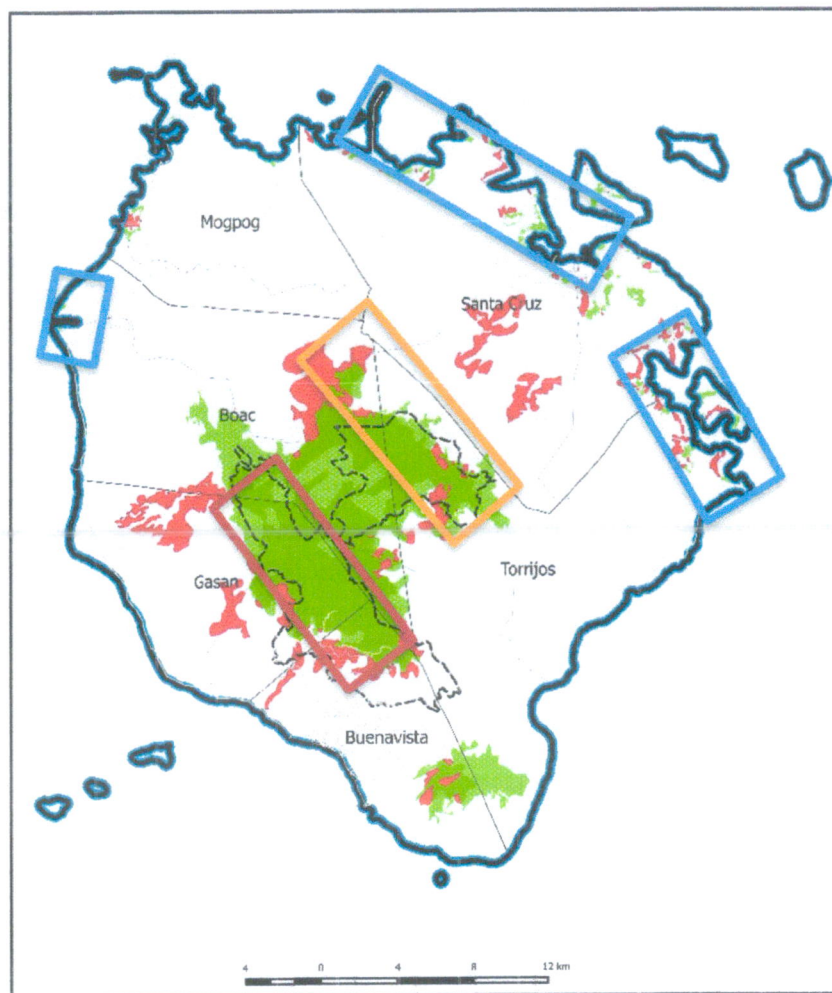
Patrolling includes preparatory activities such as coordinating with LGUs and other authorities, data syncing, preparing for responses
Consult map2 when doing this

Types of patrols: threats focused and indicator species-focused

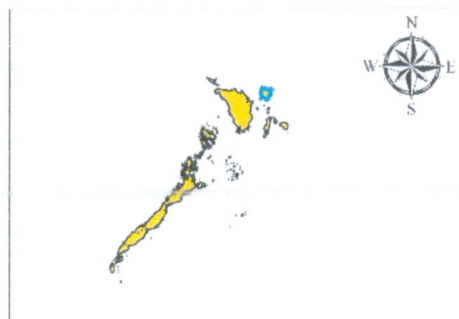
If there are less than five teams, erase the extra number of teams in the matrix

Patrol sectors

Insert indicative squares/rectangles in the targeted patrol sectors



Forest Protection Area of PENRO Marinduque



Data Sources:

PA Boundary: DENR Biodiversity Management Bureau (BMB)
Municipal boundary: Global Administrative Boundaries
HCVA: DENR-USAID B+WISER Ecological Assessment Results (2014)
Forest Cover Change: NAMRIA (2003-2010)

Disclaimer:

The boundaries and names used on this map do not imply official endorsement or acceptance by the U.S. Government.



**BIODIVERSITY AND WATERSHEDS IMPROVED
FOR STRONGER ECONOMY
AND ECOSYSTEM RESILIENCE
(B+WISER) PROGRAM**

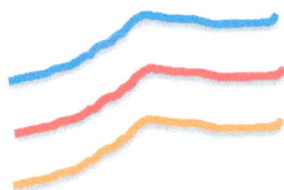
Notes

Indicate in the map the planned routes

Legend

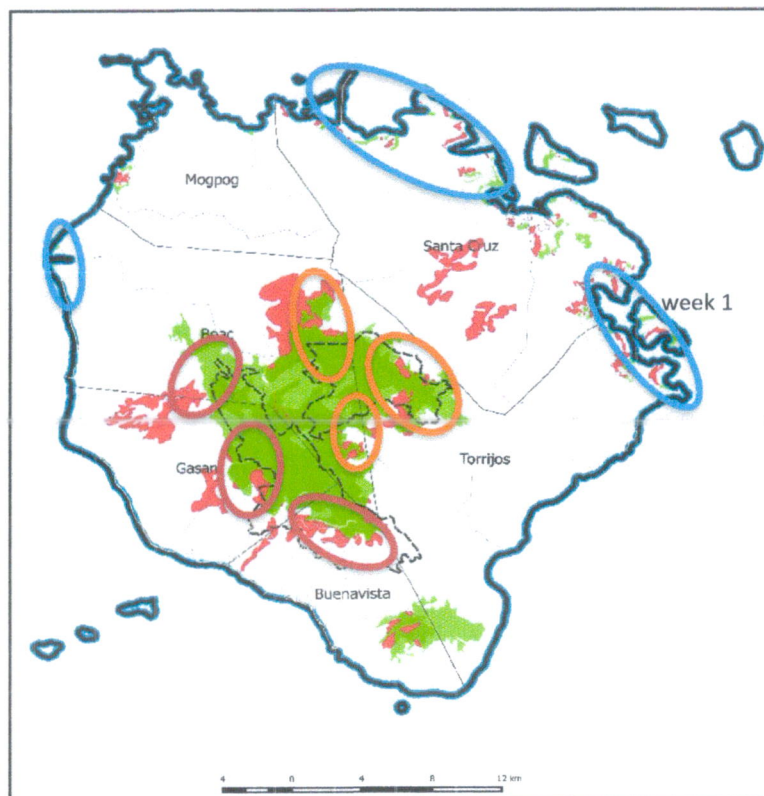


Sector 1
Sector 2
Sector 3

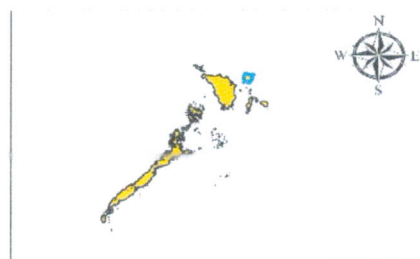


Patrol map

Insert circles in the targeted patrol area for the entire planning period (quarter) for each team



Forest Protection Area of PENRO Marinduque



Data Sources:

PA Boundary: DENR Biodiversity Management Bureau (BMB)
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 HCVA: DENR-USAID B+WISER Ecological Assessment Results (2014)
 Forest Cover Change: NAMRIA (2003-2010)

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Notes

Indicate in the map the planned routes

Legend

- Team 1 Threats focused
- Team 2 Threats focused
- Team 3 Threats focused