

UNIVERSE

PA STATUS	TOTAL	
	No.	Area
INITIAL COMPONENT	124	2,274,925.75
PROCLAIMED	13	1,105,465.98
LEGISLATED	107	4,383,066.92
TOTAL AREA OF 244 PROTECTED AREAS	244	7,763,458.65

Ecosystem Types	within KBAs (228) (Established as Protected Areas)		
	No.	Ha	%
Terrestrial	105	2,787,664.18	72.68 %
Marine	23	1,047,746.43	27.32 %
TOTAL	128	3,835,410.61	

% of Protected Areas in the Philippines		
LAND (TERRESTRIAL)		
Phil. Total Land Area	30,000,000	ha
Total Terrestrial PA	4,619,899.55	ha
	15.40%	%
SEA (MARINE)		
Phil. Total Water Area	220,644,600	ha
Total Marine PA	3,143,559.11	ha
	1.42%	%
TOTAL Terrestrial+ Marine %	16.82%	ratio of area protected to maintain biodiversity to surface and water area

PROTECTED AREAS

PA STATUS	TOTAL	
	No.	Area
INITIAL COMPONENT	124	2,274,925.75
PROCLAIMED	13	1,105,465.98
LEGISLATED	107	4,383,066.92
TOTAL AREA OF 244 PROTECTED AREAS	244	7,763,458.65

% of Protected Areas in the Philippines		
TERRESTRIAL		
Phil. Total Land Area	30,000,000	ha
Total Terrestrial PA	4,619,899.55	ha
	15.40%	%
MARINE		
Phil. Total Water Area	220,644,600	ha
Total Marine PA	3,143,559.11	ha
	1.42%	%
TOTAL Terrestrial+ Marine %	16.82%	ratio of area protected to maintain biodiversity to surface and water area

STATUS OF PAs IN THE PHILIPPINES

REGION	PROTECTED AREAS IN THE PHILIPPINES		LEGISLATED		PROCLAIMED under NIPAS		INITIAL COMPONENTS (UNPROCLAIMED)	
	No.	Area (ha)	No.	Area (ha)	No.	Area (ha)	No.	Area (ha)
PHILIPPINES	244	7,763,458.66	107	4,383,066.92	12	1,105,465.98	124	2,274,925.75
***EEZ/ Offshore	1	357,903.10			1	357,903.10		
CAR	7	167,241.98			1	78,005.32	6	89,236.66
1	15	28,829.58	8	18,626.40			7	10,203.18
2	15	999,320.17	8	793,094.64	2	187,215.91	5	19,009.62
3	24	283,260.41	7	44,193.26			17	239,067.15
4-A	22	230,581.15	9	105,827.06			13	124,754.09
4-B	23	2,340,090.79	6	617,502.80	5	438,763.26	12	1,283,824.73
NCR	4	686.19	2	205.48			2	480.71
5	25	510,216.91	11	496,343.27	2	117.85	12	13,755.79
6	14	210,780.43	5	145,688.70			9	65,091.73
7	19	637,892.80	11	609,620.84			8	28,271.96
8	11	461,927.56	7	453,175.29			4	8,752.27
9	14	306,280.70	12	294,630.33			2	11,650.37
10	12	138,985.21	9	138,103.61			3	881.61
11	10	114,182.32	7	111,983.08	1	114.88	2	2,084.37
12	5	384,556.26	2	224,834.69			3	159,721.57
ARMM	11	176,062.12					11	176,062.12
13	12	414,660.97	3	329,237.47	1	43,345.66	8	42,077.84

*** Philippine Rise

Note:Physical Area data is preliminary and is subject for updating using accurate coastline data. (on-going digitizing of coastline data using satellite imagery)

UNIVERSE

CAVES and WETLANDS

CAVES	
Inventoried	3197
Classified	702 (Class I – 111; Class II – 471; Class III - 120)
Classified within Pas	253 caves
WETLAND CATEGORY	2,131
Inland	1,492
Human- made	306
Coastal	333

UNIVERSE

THREATENED WILDLIFE SPECIES

Species Diversity	Total	CR*	EN*	Vu*	OTS*
Fauna (DAO 2019-09) <i>for publication</i>	1,106	60	61	440	545
Flora (DAO 20017-11)	984	179	254	406	145

*Conservation Status :

CR - Critically Endangered

Vu – Vulnerable

EN – Endangered

OTS – Other Threatened Species

WILDLIFE SPECIES



Population of 10 priority threatened
Species maintained/improved based
On 2016 level

2020

Tamaraw – 480 *(R4B)

Philippine Eagle – about 400 pairs (CAR ,R1, 2, 3, 4A,8,9 10, 11, 12, CARAGA)

Philippine Cockatoo – 501 (R4A, 4B)

Tarsier – no population estimate* (R7, 8, 9, 10, 11, 12, 13)

Philippine Crocodile (*Crocodylus mindorensis*) – Est. 248 (Regions 2 CAR, 10,12, 13)

Bats (flying foxes) – no population estimates* (R1-13, CAR)

Sulu Hornbill – 20 pairs (R9)

Walden's Hornbill – at least 1,500 individuals (R6)

Visayan Spotted Deer – no population estimates* (R6)

Migratory Species (Marine turtles*** and Dugong****)

* *within Mts. Iglit Baco Natural Park*

***subject for survey in 2018.*

*** *monitored by nesting sites*

**** *monitored by strandings*

Diversity and Status of Philippine Wildlife

FLORA

TAXONOMIC GROUP		Total No. of Species	Total No. of Native Species	Total No. of Naturalized Species	No. of Endemic Species	No. of Threatened Species (DAO 2017-11)	
						Threatened	Threatened-Endemic
Vascular Plants		9938	9430	508	4728 (50.13%)	963 (10.1%)	723 (7.6%)
	Angiosperms (monocots, dicots)	8862	8360	502	4449 (53.2%)	780 (9.3%)	617 (7.4%)
	Gymnosperms (conifers, cycads, etc.)	42	42	0	16 (38.1%)	25 (59.5%)	13 (31%)
	Pteridophytes (true ferns and fern allies)	1034	1028	6	263 (25.6%)	158 (15.4%)	93 (9.0%)
Non-vascular Plants (mosses, liverhorts, hornworts)		1,200+				14 (1%)	6 (0.5%)
TOTAL		11,138+				977* (8.8%)	729 (6.5%)

FAUNA

TAXONOMIC GROUP (Vertebrates)	NO. OF SPECIES	NO. OF ENDEMIC SPECIES	NO. OF THREATENED SPECIES (DAO 2019-09)	
			Threatened	Threatened-Endemic
Terrestrial Mammals	207	135 (65%)	55 (27%)	47 (23%)
Birds	700+	248 (35%)	184 (26%)	128 (18%)
Reptiles	352	244 (69%)	51 (14%)	34 (10%)
Amphibians	118	96 (81%)	32 (27%)	30 (25%)
TOTAL	1,377+	723 (52%)	322 (23%)	239 (33%)

COASTAL AND MARINE

ECOSYSTEM UNIVERSE		ESTIMATED AREA
TOTAL TERRITORIAL WATERS*		2,206,446 km ²
Exclusive Economic Zone (EEZ)		1,312,516 km ²
Archipelagic Waters		588,005 km ²
Sea Lanes		305,925 km ²
Extended Continental Shelf		212,516 km ²
Total Coastline Length		36,289 km
Philippine Rise (Extended Continental Shelf + EEZ)		244,000 km ²
Benham Bank (110% Coral Cover)		47 km ²
Benham (Phil) Rise 23,000 km ² for establishment as PA out of 130,000 km ²		
Coral Reefs		30,133.75 km ²
Excellent >1% (est)		301.34 km ²
Good 5%		1,506.69km ²
Fair 53%		15,970.89 km ²
Poor 41%		12,354.84 km ²
Total No. of Coastal Provinces (Sources: PSA and LCP as of March 17 and Sep 17 resp) = 66 out of 88		
Total No. of Coastal Municipalities (Sources: PSA and LCP as of March 17 and Sep 17 resp) = 906 out of 1,490		
Total No. Of Fisherfolks (BFAR MC) as of September 14,2017 = 1,840,631		

Estimated Total No. Fisherfolks	183,586
(Smart SEAS)	52,754
Seaweeds (SGP)	6,316
Ecotourism (SCREMP)	8,400
Indirect	116,116

COASTAL AND MARINE

National vs NIPAS MPAS						
NATIONAL	Corals		Seagrass/Seaweeds		Mangroves	
	<u>National</u>	<u>NIPAS</u>	<u>National</u>	<u>NIPAS</u>	<u>National</u>	<u>NIPAS</u>
Area (Ha.)	796,124.95	69,596.61	490,919.81	56,960.87	303,372.67	131,773.55

Coastal and Marine Habitats in the Philippines			
Coral reefs (area)		796,125 ha	CRM 2016, NAMRIA
Seagrass/seaweeds (area)		490,920 ha	CRM 2016, NAMRIA
Mangroves (area)		303,373 ha	CRM 2016, NAMRIA

Hard Corals Condition

BASELINE CORAL REEF STATUS CATEGORY			
% of HCC	CONDITION	No. of PAs	PAs within the Category
> 44% Hard Coral Cover	EXCELLENT	7	Sagay, Cuatro, Dumanquilas, Aliguay, Selinog Mabini, PH Rise
>33 to 44% Hard Coral Cover	GOOD	4	Tubbataha, Tanon, Apo Island, TIWS
> 22 to 33 % Hard Coral Cover	FAIR	11	Palau, Malabungot, Bongsanglay, Albuquerque, Panglao, Guiuan, Murcielagos, Initao, Pujada, Sarangani, VIP

Philippine Waters

	Statistics	Reference (official government data)
(i) Archipelagic Waters	586,485.07 km ²	NAMRIA MEMO ORDER 2019-006
(ii) Exclusive Economic Zone	1,430,995.87 km ²	NAMRIA MEMO ORDER 2019-006
(iii) Continental shelf (beyond the 200NM - Philippine Rise Region)	134,525.53 km ²	NAMRIA MEMO ORDER 2019-006
(iv) Water of PD1596 (beyond the 200NM) - Kalayaan Island Group	78,025.94 km ²	NAMRIA MEMO ORDER 2019-006
(v) Territorial waters (12 NM)	679,800 km ²	NAMRIA
(vi) Territorial waters plus Exclusive Economic Zone (EEZ) (12 NM + 200 NM)	2,200,000 km ²	NAMRIA
(vii) Coastline	37,000 km	April 12, 2012, Infomapper 2012, NAMRIA
(viii) Islands (number)	7,641	as of January 2017, NAMRIA
(ix) Coastal LGUs (number)	796	As of May 2012, Infomapper 2012, NAMRIA
(x) Coastal LGUs (number)	900 (822 Coastal Municipalities; 78 Coastal Cities)	As of 2019, based on Google Earth 2019, and verified during the ICM Rollout National Consultation