

**Ecuador** 

### **Annual Report 2019**

## **IAC Annual Report General Instructions**

Annex IV of the Convention text states that each Contracting Party shall hand in an Annual Report. To complete this Annual Report, Focal Points should consult with various stakeholders involved in sea turtle issues. If you have any questions regarding this Annual Report, please write to the Secretariat *Pro Tempore* at secretario@iacseaturtle.org

Please note that the date to submit this Annual Report is April 30th, 2019.

### **Part I (General Information)**

Please fill out the following tables. Add additional rows if necessary.

#### a.\_ Focal Point

Institution	Ministry of Environment – Direction of the Galapagos National Park
Name	Eduardo Espinoza Herrera
Date Annual Report submitted	

#### b. Agency or Institution responsible for preparing this report

Name of Agency or Institution	Ministry of Environment – Direction of the Galapagos National Park
Name of the person responsible for completing this report	Eduardo Espinoza
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c.\_ Others who participated in the preparation of this report

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#### Part II (Policy and Management)

## a.\_ General description of activities carried out for the protection and conservation of sea turtles

In accordance with Articles IX and XVIII of the text of the Convention, each Party shall establish monitoring programs, policies and plans for implementation at a national level for the protection and conservation of sea turtles and their habitat.

As a result, the Party shall report on the action plans, management plan or other types of instruments, describing their location, the species considered and the actions implemented by governmental, non-governmental and private institutions related to sea turtles.

In addition to the above, please fill out the following tables and explain the level of progress in the comments column.

	YES/NO/ In Progress	Comments
Does your country have a national action plan in accordance with Article XVIII?	Yes	National Plan for Sea Turtles Conservation (2014)
Does your country have policies and programs at local and regional levels in accordance with Article XVIII?	Yes	The action plan will be submitted for review this year
Does your country have monitoring programs in accordance with Article IX?	Yes	Fisheries observers program according to each fishery



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## b.\_ National legislation and international instruments related to sea turtles adopted in the preceding year

Describe any national regulations, international agreements and other legal instruments adopted during the preceding year (April 30, 2018- April 30, 2019) related to sea turtles and/or relevant activities. Provide a reference and attach the digital file for the legislation and its corresponding number. The laws adopting the international legislation should be included when they exist.

	National Legislation					
Type and name of the legal instrument (No.)	Description (Range of application)	Sanctions(s) Imposed				
Ministerial Agreement No.212 1990 –SRP	Indefinite ban on sea turtles, as species existing in Ecuadorian waters protected by the State, consequently prohibiting capture, processing and internal and external trade.					
Ministerial Agreement No.121, April 1996-SRP	Compulsory TEDs sea turtle excluder device on shrimp trawlers.	Suspension of the fishing permit, fine and imprisonment (According to the fishing law).				
Ministerial Agreement No. August 2002, 047 - SRP	Regulations for the use of TEDs					
Executive Decree 3045, of 2002.	Mandatory according to the fishing law, that all shrimp trawlers have TEDs permanently and properly installed in their trawl nets.					
Ministerial Agreement No. 020, of 2012-SRP	Prohibition of extractive fishing activity of bio- aquatic resources using industrial shrimp trawling.					
Art. 73 Political Constitution of Ecuador	The State will apply precautionary and restrictive measures in activities that may lead to the extinction of species, destruction of ecosystems or the permanent change of natural cycles.					
Ministerial Agreement No. "Plan Nacional del Dorado"	Plan Nacional del Dorado (The use of circle hooks is promoted to replace the traditional "J" type), which size reduces sea turtle bycatch.					
National Plan for Sea Turtle Conservation	The implementation of the national plan will contribute effectively to the protection of these emblematic reptiles that are threatened worldwide.					



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Ministerial					
Agreement 084. July					
10, 2015.					
	These Management management and all	Asserting to Enganting Danie			
AGREEMENT No.	These Management measures apply to all	According to Executive Decree			
MAP-SRP-2018-	vessels operating under the jurisdiction of	852.			
0103-A	Ecuador, equipped with purse seines, and to all				
	longline vessels operating in the Eastern Pacific				
	Ocean EPO, authorized for fishing, which catch				
	yellowfin tuna (Thunnus albacares), bigeye				
	tuna (Thunnus obesus) and skipjack				
	(Katsuwonus pelamis) in the IATTC				
	Convention Area.				
Agreement No. 089	Protocol for stranding and rescue of marine	Not applicable			
of August 22, 2018	species.				
General Regulations	Title V				
to the Law on	the use of turtle excluder devices (TEDs).				
Fisheries and	Use of TED or FED devices in				
Fisheries	shrimp trawlers and the characteristics of the				
Development	devices				
Reform D.E. 852,					
R.O. 694S, 19-II-					
2016					
Ministerial	Nets ( <i>chinchorrera</i> ) regulation. The ministerial				
Agreement No. 019,	agreements to regulate the <i>chinchorrera</i> fleet.				
Ministerial	They were established in 2010, however, in				
Agreement No. 114	May 2016 the fishing observer program was				
	implemented on board the purse seine fleet.				
Ministerial	It establishes the unique longline fleet observer				
Agreement No. 204	program that records and identifies sea turtles				
of December 29,	during the setting and collection of the fishing				
2011	operation, as well as during the capture.				
	International Instruments				
Treaty, Convention, A	Agreements, Memorandum of Understanding	Year signed and/or ratified			
	Permanent Commission CPPS Regional Action	Approved in 2012,			
Plan for the Protection of Sea Turtles implementation as of 2013					

**Note:** If this is the first time a country is submitting this information, please include all pertinent national legislation and international instruments currently in force.



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### c.\_Actions for compliance with national and international legislation

#### c.1 IAC Resolutions

Fill in the following tables for each of the IAC Resolutions listed below. In the case that a Resolution does not apply to your country, please mark the box RESOLUTION DOES NOT APPLY, and if a specific question does not apply, please mark the column DOES NOT APPLY. If you need more space to describe these actions, please attach additional pages and note the resolution and question number to which you are responding.

**Resolution CIT-COP7-2015-R2**: Conservation of the Eastern Pacific Leatherback Turtle (*Dermochelys coriacea*)

ACCORDING TO RESOLUTION CIT-COP7-2015-R2, REPORT WHETHER YOUR COUNTRY:

IS COMPLIANT WITH THE FOLLOWING:	YES	NO	DESCRIBE ACTION (*)	
1a) Have you created conservation plans and long-term programs that can reverse the critical situation of the leatherback turtle in the Eastern Pacific?		X	Plans were developed solely to monitor existing nests in 2017. There are currently no monitoring plans or programs for events with <i>Dermochelys coriacea</i> .	
1b) Are you implementing these conservation plans and monitoring programs?		X	National plan for sea turtle conservation.  Protected Areas implement conservation plans and monitoring programs for all species, including the leatherback turtle.	
2. Have you taken conservation measures to eliminate poaching of leatherback turtles?				X
3. If your country has leatherback turtle nesting beaches in the Eastern Pacific: Have you taken conservation measures to protect the nesting sites and their associated habitats?		x	No nesting was recorded in 2018	
4. Has your country adopted fishing techniques that reduce incidental capture and mortality of this species?	x		SRP – Implementation of observer programs on board longline fishing vessels (fine and think), trawl nets (titi shrimp) and purse seine nets for small pelagic fish, implemented and executed by the Fishing Resources Undersecretary in addition, the AM MAP-SRP-2018-0230-A in Art. 8 establishes the on-board observer program in the hake and shrimp experimental trawl fishery, under the recommendations of the National Fisheries Institute.  All trawling vessels that catch titi shrimp must have properly implemented sea turtle excluder devices (TED) (Unified Text of Fisheries Legislation R.O. 690, and AM MAGAP-DSG-2016-0058-A). The Experimental hake and shrimp trawling vessels must also use the Sea Turtle Excluder Device (TED) (MAP-SRP-2018-0230-A) in a mandatory and appropriate manner.	



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**Resolution CIT-COP8-2017-R2:** Conservation of the Hawksbill Turtle (*Eretmochelys imbricata*)

## ACCORDING TO RESOLUTION CIT-COP8-2017-R2, REPORT WHETHER YOUR COUNTRY:

			RESOLUTION DOES NOT APPLY	
IS COMPLIANT WITH THE FOLLOWING:	YES	NO	DESCRIBE ACTION (*)	DOES NOT APPLY
1. Are you strengthening monitoring of the illegal use and trade of hawksbill turtles and their products	х			
2. Are you enforcing pertinent hawksbill legislation?	x		In AM 212, of July 31, 1990, all species of sea turtles existing in territorial waters of Ecuador are established as protected. Therefore, the capture, processing and internal and external commercialization of all species of sea turtles is prohibited.	
3. Are activities being carried out in order to stop the illegal trade of hawksbill products?	Х			
4. Indicate if your country is strengthening the protection of important nesting and foraging habitats by declaring protected areas and regulating anthropogenic activities that adversely impact these habitats	x		The protection of the sector called "La Playita" is continued, in the Machalilla National Park in the province of Manabí. Equilibrio Azul and PNM.  Monitoring and protection of nests is carried out in a new nesting beach discovered in recent years, in the sector called "Playa Rosada" in the El Pelado Marine Reserve, province of Santa Elena. With the support of international cooperators, the provision of implements for the elaboration of nest protection fences has been achieved.	
b) Protection of feeding habitats				

<sup>(\*)</sup> Specify actions implemented, the name of the project or relevant document, location, objective(s), institutions responsible, contact, financial or other support (optional), results (both positive and negative) and duration.



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**Resolution CIT-COP7-2015-R3:** Resolution on the Conservation of the Loggerhead Sea Turtle (*Caretta caretta*)

#### ACCORDING TO RESOLUTION CIT-COP7-2015-R3, REPORT WHETHER YOUR COUNTRY:

RESOLUTION DOES NOT APPLY DOES IS COMPLIANT WITH THE YES NO **DESCRIBE ACTION (\*)** NOT APPLY **FOLLOWING:** 1. Has your country created national action plans or monitoring  $\mathbf{X}$  $\mathbf{X}$ programs to promote loggerhead sea turtle conservation? 2. State if there are plans or recovery programs, or bilateral or regional  $\mathbf{X}$ X cooperation. 3. Are these action plans or monitoring programs  $\mathbf{X}$  $\mathbf{X}$ being implemented? In AM 212, of July 31, 1990, all species of sea turtles existing in territorial waters of Ecuador are established 4. Is there protection of the species X as protected. Therefore, the capture, processing and at a state or federal level? internal and external commercialization of all species of sea turtles is prohibited. 5. If your country has loggerhead turtles nesting beaches: 5a. Has your country taken conservation actions to protect nesting beaches and their associated habitats? 5b. Are there laws on turtlefriendly lighting in areas impacted by coastal development? 5c. Is there long-term (minimum 10 years) standardized data available for population trend studies? In AM 212, of July 31, 1990, Ecuador prohibits the capture, processing and internal and external 6. Is there exploitation or direct commercialization of all species of sea turtles, declaring harvest of loggerhead sea turtles in  $\mathbf{X}$ all these species existing in Ecuadorian waters as protected. Due to the aforementioned, in Ecuador there your country? is no exploitation or capture directed towards these

species.

<sup>(\*)</sup> Specify actions implemented, the name of the project or relevant document, location, objective(s), institutions responsible, contact, financial or other support (optional), results (both positive and negative) and duration.



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Resolution CIT-COP3-2006-R2: Reduction of the adverse impacts of

fisheries on sea turtles

### ACCORDING TO RESOLUTION CIT-COP3-2006-R2, REPORT WHETHER YOUR COUNTRY:

In the column for "species" please use: Cm (Chelonia mydas), Lo (Lepidochelys olivacea), Dc (Dermochelys coriacea), Cc (Caretta caretta), Lk (Lepidochelys kempii), Ei (Eretmochelys imbricata)

IS COMPLYING WITH THE FOLLOWING:	YES	NO	DESCRIBE ACTION (*)	SPP	N/A
Adopted the "Guidelines to Reduce Sea Turtle Mortality induced by fisheries operations", of the United Nations Food and Agriculture Organization (FAO), including:				and	
A.Research and monitoring of the ad	A.Research and monitoring of the adverse impact of fisheries on sea turtles				
i) Collect information by fishery	X		The MPCEIP, through the Directorate of Fisheries and Aquaculture Policy (PAN Dorado and PAN for Sharks), issues internal technical reports on the interaction of sea turtles in the fishery of the longline fleet that uses fine and coarse hooks. The information on the titi shrimp fisheries and the purse seine fleet (small pelagic fish) is sent to the INP to produce the respective scientific reports.	Cm, Lo, Dc, Ei, Cc	
ii) Observer programs	X		At present, the Fishery Resources Undersecretary is implementing and executing three on-board observer programs (longline fleet, pomadera, and pig nets for small pelagic fish). These programs are executed by the Fishing Resources Control Directorate	Cm, Lo, Dc, Ei, Cc	
iii) Research on sea turtle/fishery interactions	X		Through the Dorado and Shark Action Plans, the Fisheries and Aquaculture Policy Directorate manages longline fishery databases, in which important data such as fishing location, species, sex, sizes, status of the sea turtle etc. In addition, there are internal reports on the interaction of sea turtles in the longline fleet. The INP is currently developing an experimental fishing project for Antarctic cod in which the interaction of the gear with the different species caught or sighted is being evaluated.	Cm, Lo, Dc, Ei, Cc	
iv) Information on non-Party vessels					
v) Cooperation with non-Party					
B. Mitigation measures for the follow	l ving fish	eries:			
i) Long-line ii) Gillnets			The Fisheries Resources Undersecretary has carried out programs to replace J-type hooks with circle hooks, in order to reduce the incidental capture of sea turtles in the longline fleet, an activity that is carried out within the framework of ecocertification and compliance with the Plan. of Action of the Dorado ( <i>Coryphaena hippurus</i> ).	Cm, Lo, Dc, Ei, Cc	
II, Gillieu				Lo, Dc, Ei, Cc	



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iii)	Trawling (e.g., 1. TEDs: specify legally approved TEDs, their dimensions, material, and target species for that fishery, 2.time-area closures: specify a geographical area, time of closure and target species for that fishery, 3. tow times and/or 4. other measures)	X	For the titi shrimp trawl fishery, these measures are specified in AM MAGAP-DSG-2016 0058-A. For the experimental trawl fishery for hake and shrimp, these measures are specified in MAP-SRP-2018-0230-A.	Cm, Lo, Dc, Ei, Cc	
iv)	Other fishing gear (indicate which one(s))	X	Since May 2016, the fishing observer program has been implemented on board purse-seine vessels.	Cm, Lo, Dc, Ei, Cc	
v)	Training programs for fisherman about best practices for safe handling and release of sea turtles incidentally caught	X	The FRU, through fisheries observers, maintains a training program on handling and release of sea turtles aimed at the crew members of trawler, seine and longline fleets.	Cm, Lo, Dc, Ei, Cc	
C. So	cio-economic considerations				
i)	Support socio-economic activities that help mitigate adverse impacts of fisheries on sea turtles				

<sup>(\*)</sup> Specify actions implemented, the name of the project or relevant document, location, objective(s), institutions responsible, contact, financial or other support (optional), results (both positive and negative) and duration.

#### c.2 National and International Mandates

List actions that are being carried out to comply with national and international mandates (Ex: inspections, confiscations, sanctions, etc.)

#### d.\_Application [submission] of exceptions established in the Convention

Describe in detail the exceptions allowed in accordance with article IV, item 3(a,b,d) and Annex IV of the text of the Convention, in accordance to the procedure established by the COP (Doc. CIT-COP5-2011-R2). Attach management program.



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### **Part III (Research information)**

### a.\_ Threats

Indicate threats (Coastal development, incidental capture, direct use, contamination and pathogens, and climate change) by species, with information on the area and activities taken to control them in the following table. Lo = Lepidochelys olivacea; Lk = Lepidochelys kempii; Dc = Dermochelys coriacea; Ei = Eretmochelys imbricata; Cc = Caretta caretta; Cm = Chelonia mydas.

Species	Threat(s)		Actions
Lo	⊠Coastal development	⊠Contamination	The Vice Ministry of Aquaculture and Fisheries, through the FRU, continues
	☐ Incidental capture	□Pathogens	active fishing observer programs
	□Direct use	⊠Climate change	aboard titi shrimp trawlers, nets (pig
Dc	⊠Coastal development	<b>⊠</b> Contamination	nets for small pelagic fish) and artisanal and industrial longliners. The
	⊠Incidental capture	□Pathogens	FRU, INP and PROBECUADOR also
	□Direct use	⊠Climate change	maintain an active observer program
Ei	⊠Coastal development	⊠Contamination	in the hake and shrimp experimental trawl fishery. In addition, the proper
	⊠Incidental capture	□Pathogens	use of Turtle Excluder Devices (TED)
	□Direct use	⊠Climate change	remains mandatory for shrimp trawlers. The program to replace J
Cm	⊠Coastal development	⊠Contamination	hooks with circular hooks in the
	⊠Incidental capture	□Pathogens	Ecuadorian longline fleet will
	□Direct use	⊠Climate change	continue, and fishing extension will continue for the proper management
Cc	⊠Coastal development	⊠Contamination	of turtles on board.
	⊠Incidental capture	□Pathogens	
	□Direct use	⊠Climate change	



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#### b.\_ Research

Describe scientific research that is being carried out in the country relating to sea turtle population assessments including tagging, migration, and genetic studies, as well as those relating to conservation issues including habitat monitoring, fisheries interactions, disease, etc. Provide a list of references for the information used in this report and note how to obtain them when needed.

In addition to the above, please fill out the following table on the types of research being carried out in the country and with what <u>species</u>.

Research	Specie(s)(Lo, Lk, Cm, Ei, Cc, Dc)
Tagging	
Migration	
Genetics	
Habitat monitoring	
Fisheries interactions	
Disease	

#### c.\_ Other activities

Include information on environmental education activities, programs to establish and manage protected areas, and cooperative activities with other Party countries.

The following reports are included in the **Spanish version** of this report

- WILDLIFE AND MARINE WILDLIFE REFUGE PACOCHE NESTING SEASON 2018-2019
- NATIONAL REPORT OF SEA TURTLE NESTING AND EXHUMATION AT "EL PELADO" MARINE RESERVE SEASON 2018-2019
- GREEN TURTLE (*Chelonia mydas*) MONITORING IN GALAPAGOS ISLANDS SEASON 2019
- SEA TURTLE CONSERVATION ACTIVITIES IN CRUCITA BEACH, IMPACTS AND ISSUES FOUND IN THE SITE



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Part IV: Annexes

**Table 1: Species Present** 

Place an X in the box when the species listed is present in the oceanographic basins of your country as established in Article III of the text of the Convention. Lo = Lepidochelys olivacea;  $Lk = Lepidochelys \ kempii; \ Dc = Dermochelys \ coriacea; \ Ei = Eretmochelys \ imbricata; \ Cm = Chelonia mydas; \ Cc = Caretta \ caretta.$ 

Species	Pacific	Atlantic	Caribbean Sea
Lo	X		
Lk			
Dc	X		
Ei	X		
Cm	X		
Сс	X		



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#### Table 2: Index nesting sites or beaches for sea turtle conservation

- a. This table is intended to report information on index nesting sites or beaches for each species. For beaches that have multiple species nesting, enter that beach under the list for the primary nesting species. When entering information on nesting site or beaches, information is to be entered for each species independently. Indicate the names of index nesting sites. On a separate sheet of paper, indicate the selection criteria used for identifying the index beach, for example, because it hosts a significant proportion of the overall nesting population within a region or other defined unit or genetic importance. Please use the index sites that your country has selected included in the document circulated with this report.
- b. Nesting season: Indicate the starting and finishing date of the nesting season.
- c. Monitoring period: Indicate the starting and finishing date of monitoring efforts.
- d. Survey frequency: Indicate the frequency with which the surveys are done (daily, weekly, bi-weekly, monthly, among others).
- e. Geographic location: Specify latitude and longitude in decimal degrees.
- f. Extension of beach monitored: Provide the total length (in Kilometers) of the nesting beach.
- g. Declared protection area: Indicate (yes or no) if the area is declared as some type of protected area.
- h. Annual nesting abundance: Provide information on the total number of females and/or clutches or nests deposited at the nesting site or beach in real numbers. Provide the exact count of females based on tagged or uniquely identified individuals. If the exact number of clutches is unknown provide a total number of nests.
- i. Information from tagging program: Indicate if there have been any tagging activities at the nesting beach by using the letters of the type of tagging being done: flipper tagging (FT), passive integrated transponder (PIT) tagging, and satellite telemetry (ST) programs. If possible, on a separate sheet or as attached reference provide greater detail about the type of tagging efforts conducted. Also, provide satellite telemetry maps or flipper tag recovery information if available.
- j. Tissue sampling: Indicate if there has been tissue sampling conducted at this site. This includes skin, blood, and other body tissues. On a separate sheet, or as attached references describe these tissue sampling programs in greater detail. For example, were samples collected for genetic, contaminant, and/or stable isotope studies?
- k. Indicate what organization or entity is providing the data.
- 1. When inserting new rows, please copy and paste the drop-down menus when applicable.

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	Name of	Nesting	g Season	Monitorii	Degrees		n Decimal	beach (km)	Declared	Annual Nesting Abo		ndance	Tagging	Tissue Sampli	Organization	
Spp	Index Nesting Site or Beach	Start	Finish	Survey Frequenc y La	Latitude	Longitude	Extension of beach monitored (km)	Protected Area (Yes/No)	Females Exact Count	Clutches Exact Count	Number of Nests	Program (FT, ST, PIT)	ng (Yes, No)	or entity providing data		
Lo	San Lorenzo	01/09/20 18	30/11/2018	01/06/2018	31/05/2019	Daily	1.068554	80.9077 68	2,4	Yes	6	225	231	FT	No	MAE/ RVSMC- PACOCH E
Lo	La Botada	01/09/20 18	30/11/2018	01/06/2018	31/05/2019	Daily	1.050000	80.90419 3	1,0	Yes	12	133	145	FT	No	MAE/ RVSMC- PACOCH E
Lk																
Dc																
Ei																
Civi	San Lorenzo	01/11/20 18	30/02/2019	01/06/2018	31/05/2019	Daily	1.068554	- 80.9077 68	2,4	Yes	1		1	FT	No	MAE/ RVSMC- PACOCH E
Cm	La Botada	01/11/20 18	30/02/2019	01/06/2018	31/05/2019	Daily	1.050000	80.90419 3	1,0	Yes	4	7	11	FT	No	MAE/ RVSMC- PACOCH E
Сс																

List of index sites for each sea turtle species for each IAC country within which sea turtle nesting occurs.

Name of Beach	DC	CM	EI	CC	LO	LK	Responsible
Belize (2)		(1)	(1)	(1)			
Gales Point			X				
Bacalar Chico Marine Reserve		X		X			
Brazil (18)	(2)	(1)	(7)	(12)	(3)		
Comboios	X			X			
Povoação	X			X			
Busca Vida			X	X			
Santa Maria				X			
Barra Jacuipe			X	X			
Guarajuba			X	X			
Itacimirim			X	X			
Praia do Forte			X	X			
Barra do Furado				X			
Farol				X			
Farolzinho				X			
Maria Rosa				X			
Berta			X				
Pipa			X				
Mangue Seco					X		
Coqueiros					X		
Pirambu					X		
Trindade Island		X					

Name of Beach	DC	CM	EI	CC	LO	LK	Responsible
Caribbean Netherlands (2)	(1)	(2)	(1)	(1)			
Klein Bonaire, Bonaire		X	X	X			Sea Turtle Conservation Bonaire
Zeelandia, St. Eustatius	X	X					St Eustatius Sea Turtle Conservation
Costa Rica /Pacific (9)	(1)	(5)			(4)		
Isla Murcielago		X					
Nancite*					X		
Naranjo		X			X		
Cabuyal		X					
Nombre de Jesús		X					
Punta Pargos		X					
Playa Grande	X						
Ostional*					X		
Hermosa					X		
Costa Rica/Atlantic (4)	(3)	(1)	(1)				
Tortuguero	X	X					
Pacuare Norte	X						
Mondonguillo	X						
Cahuita			X				
Ecuador (9)		(6)	(1)		(5)		
San Lorenzo					X		MAE (Pacoche)
La Botada					X		MAE (Pacoche)
Playa Chocolatera		X			X		MAE (REMACOPSE)
Playa Tres Cruces		X			X		MAE(REMACOPSE)
PlayaMar Bravo		X			X		MAE(REMACOPSE)
Playita (Machalilla)			X				MAE (PNM/ Equilibrio
Quinta Playa (Galapagos)		X					MAE (DPNG)
Barahona (Galapagos)		X					MAE (DPNG)
Las Bachas (Galapagos)		X					MAE (DPNG)

Name of Beach	DC	CM	EI	CC	LO	LK	Responsible
Guatemala (2)	(1)				(2)		
Hawaii	X				X		ARCAS
La Barrona					X		
Honduras/Atlantic (3)	(1)		(2)				
Pumkin Hill, Utila			X				
Plaplaya	X						
Cayos Cochinos			X				
Honduras/Pacific (2)					(2)		
Punta Ratón					X		
El Venado					X		
México/Atlantic (12)		(11)	(4)	(8)		(7)	
Rancho Nuevo, Tamps		X		X		X	CONANP
Barra del Tordo, Tamps		X		X		X	CONANP
Altamira, Tamps		X		X		X	CONANP
Mirama, Tamps						X	CONANP
Lechuguillas, Ver		X	X			X	CONANP
Isla Aguada-Xicalango- Victoria, Camp		X	X			X	CONANP
Chenkán, Camp		X	X			X	CONANP
Las Coloradas/Rio Lagartos, Yuc		X	X	X			CONANP
Xcacel, Q.Roo		X		X			Reserve Estatal
Chemuyil, Q. Roo		X		X			
Xel Ha, Q. Roo		X		X			
Puerto Aventuras, Q. Roo		X		X			
México/Pacific (13)	(6)	(5)			(9)		
El Verde, Sin	X				X		CONANP
Platanitos, Nay					X		CONANP
Nuevo Vallarta, Nay					X		CONANP
Mismaloya, Jal					X		CONANP
Chalacatepec, Jal					X		CONANP
El Chupadero, Col							CONANP

Name of Beach	DC	CM	EI	CC	LO	LK	Responsible
Mexiquillo, Mich	X	X			X		CONANP
Tierra Colorada, Gro	X	X			X		CONANP
Cahuitán, Oax	X						CONANP
Escobilla, Oax*	X				X		CONANP
Barra de la Cruz, Oax	X	X			X		CONANP
Maruata, Mich		X					Univ. Michoacana SNH
Colola, Mich		X					Univ. Michoacana SNH
Panamá/Atlantic (3)	(2)	(1)	(3)	(1)			
Cayos Zapatillas (B. del Toro)			X				
Playa Chiriqui (B. del Toro)	X	X	X	X			
Playa Armita o Pito (GunaYala)	X		X				
Panamá/Pacific (2)		(2)			(2)		
RVS Isla Cañas		X			X		
Playa La Marinera		X			X		
United States/Atlantic (7)	(5)	(4)	(3)	(4)		(1)	
Culebra Island, Puerto Rico	X						
Vieques Island, Puerto Rico	X	X	X				
Mona Island, Puerto Rico			X				
Buck Island Reef National Monument, U.S. Virgin	X	X					
Sandy Point NWR, U.S. Virgin Islands	X	X	X				
Florida Index Beaches	X	X		X			
Georgia Index Beaches				X			
North Carolina Index Beaches				X			
South Carolina Index Beaches				X			
Texas (South Padre Island)						X	
United States/Pacific (2)		(1)	(1)				
French Frigate Shoals (HI)		X					
Hawaii			X				

Name of Beach		CM	EI	CC	LO	LK	Responsible
Venezuela (11)	(6)	(4)	(6)	(6)			
Querepare (Edo. Sucre)	X			X			CICTMAR
Cipara (Edo. Sucre)	X			X			CICTMAR
Macuro (varias playas cercanas, Edo. Sucre)	X	X	X				ONDB-MPPA
El Agua - Parguito Beach (Edo. Nueva Esparta)	X						ONDB-MPPA
Parque Nacional Archipiélago Los Roques (varios cayos)			X	X			INPARQUES, Fundación Científica
La Sabana (Edo. Vargas)	X						ONDB-MPPA, Consejo de Pescadores
Parque Nacional Henri Pittier (Playas Cuyagua, Uricaro y		X	X	X			INPARQUES, Fundación Ecodiversa, Lideres de la
Playas entre las bocas del Rio Morón Y Rio Yaracuy			X	X			Palmichal S.C.
Parque Nacional Morrocoy (Cayo Borracho, Varadero y Playas Mayorquina)		X	X				CICTMAR, INPARQUES
Paraguana Peninsula	X		X	X			UNEFM (Universidad Nacional
RFS Isla de Aves		X					ONDB-MPPA