



WECAFC-FIRMS Data Workshop

OSPESCA



Bridgetown, Barbados, January 19-21, 2016



SICA

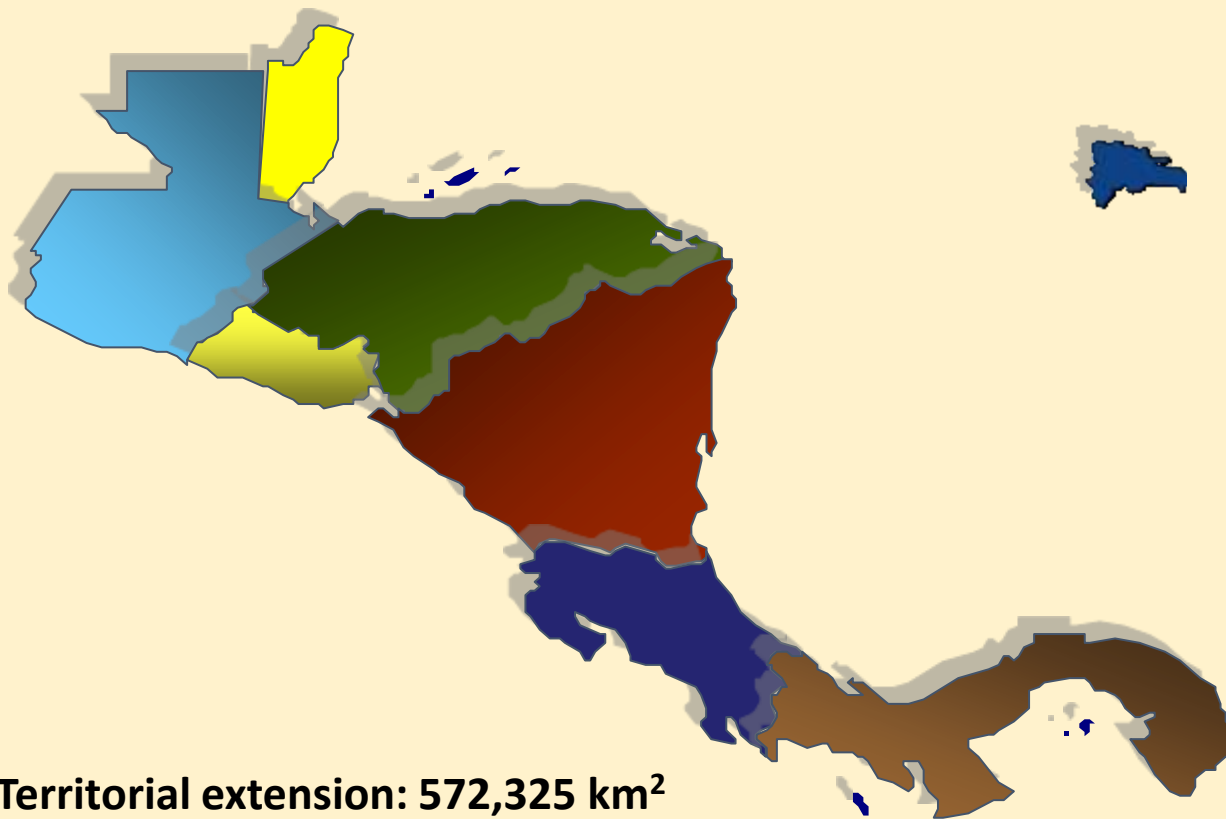










1991. Tegucigalpa Protocol

Central American Integration System (SICA)

Works for the integration of the Central America Isthmus and to become it as a region of peace, freedom, democracy and development

OSPESCA's COUNTRIES



-  BELIZE
-  COSTA RICA
-  EL SALVADOR
-  GUATEMALA
-  HONDURAS
-  NICARAGUA
-  PANAMA
-  DOMINICAN REPUBLIC

➤ Territorial extension: 572,325 km²

➤ >50 million persons

➤ 16,000 Km² inland waters

WHAT IS OSPESCA?

Organization of the Fisheries and Aquaculture Sector of the Central American Isthmus.

1995. San Salvador Act



OBJECTIVE

To promote the development of sustainable fisheries and aquaculture in the region, as part of the process of the Central American integration, following the “Policy for the Integration of Fisheries and Aquaculture of the Central American Isthmus”.

OSPESCA is integrated by:

1. **Council of Ministers
(Political level)**
2. **Committee of Vice-ministers
(Executive level)**
3. **Commission of Fisheries Directors
(Scientific and technical level)**



REGIONAL WORKING GROUPS

Fisheries and aquaculture Policy (GTPP)

Harmonization of Fisheries Regulations (GANP)

Aquaculture (GRUTAC)

Fisheries

Climatic variability on fisheries and aquaculture



- ✓ Shark
- ✓ Highly migratory species



CONSULTATION ORGANIZATIONS

OECAP: Organization of Central American Entrepreneurs of Aquaculture and Fishing



CONFEPESCA: Central American Confederation of Artisanal Fishers (small-scale)

Universities



FISHERIES AND AQUACULTURE INTEGRATION POLICY 2015 - 2025



To ensure the sustainable use of aquatic resources and aquaculture, strengthening the framework for coordination and harmonization within the Central American Integration System and contribute to food security and to improve the quality of life of the population.

A COMMON issue agenda of integration.

ESTRATEGIC COMPONENTS

1. Strengthening the organizations and institutions
2. Regional governance
3. Regional management on fisheries and aquaculture
4. Climate change on fisheries and aquaculture
5. Sustainable fisheries and aquaculture
6. Security on fisheries and aquaculture
7. Intra and extra regional trade
8. Sport fisheries associated with tourism
9. International relations



Regional management on fisheries and aquaculture

- Regional Plan of Research in fisheries and aquaculture in order to have scientific evidence for management measures.
- Regional database to monitor the behavior of fish stocks.
- To promote approved methodologies for a Regional Program of Statistic Information on Fisheries and Aquaculture.
- Use of modern technological tools to base the statistics on catch data.
- Use and evaluation of approved forms of landings.

Regional fishery prospecting to know and have information about the status of fisheries resources, among others.



Climate change

- Information gathering with the participation of regional associations of fishers and fish farmers.

Intra and extra regional trade

- Updated database with participation of fishers, fish farmers and traders about available products.

INTEGRATING FISHERIES Regional Governance Model

1. Integrated register system of fisheries and aquaculture
2. Management of the Caribbean Spiny Lobster
3. Regional system of satellite monitoring and control of fishing vessels
4. Code of ethic for responsible fisheries and aquaculture
5. Prohibit the practice of shark finning
6. Proper use of turtle excluder devices (TED)
7. Prevention, control and eradication of diseases in shrimp culture
8. Biological sustainability of the whale shark
9. Prevention, Control and Eradication of IUU Fishing



INTERNATIONAL COOPERATION

The policy promotes the support of friendly countries and international cooperation agencies for the implementation of the strategies.



MEMORANDUM OF UNDERSTANDING AND COOPERATION BETWEEN OSPECSA AND CRFM.



Statistic and Records

To determine the data which must contain the Registry, which will be the minimum data required to establish fishery and aquaculture records of each State.

The regional base is in the General Secretariat of SICA.



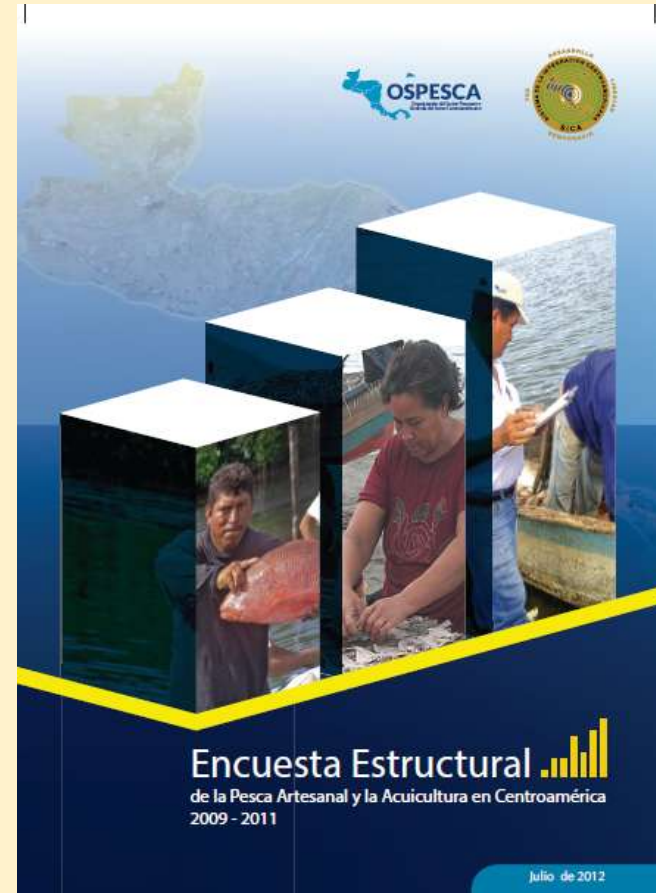
Structural survey of artisanal fisheries and aquaculture in Central America. 2011- 2012

Artisanal Fisheries

Fishers	135,400 150,000 (Dominican Republic)
Vessels	61,725
Productions (TM)	175,564
Value (USD)	605,695,800

Aquaculture

Producers	3,310
Area (hectares)	64, 730
Production (TM)	139,404
Value (USD)	510,992,95



Climapesca

Weekly newsletter about climate forecasts and their effects on fisheries and aquaculture.



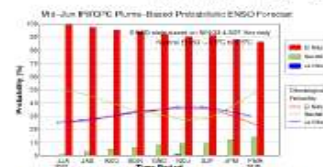
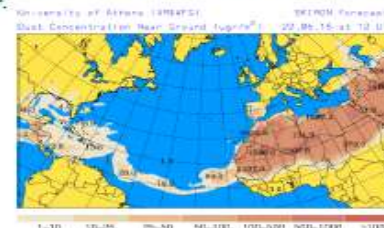
CLIMAPESCA
Nota Informativa Año 2 N° 24
28/06/2015

I. POLVO DEL SAHARA, ALISIOS, EL NIÑO.

Honduras¹

Polvo del Sahara en Centro América.

Un flujo de polvo proveniente del desierto del Sahara, está siendo transportado por los vientos Alisios propios de la temporada a América, especialmente Honduras, Nicaragua, Belice, Guatemala y sur de México².



De acuerdo con IRI ENSO Forecast en su análisis más reciente de mediados de Junio de 2015, existe una probabilidad aproximada de casi un 98% de que El Niño continúe durante el trimestre de JJA y una probabilidad mayor de 84% de que persista el resto del año 2015.

El Salvador³

Sequia meteorológica débil inusual en junio El Salvador

¹ Servicio Meteorológico Nacional de Honduras.

² Este flujo se presenta con gran intensidad durante la semana del 23-27 de Junio/2015; Nota de López J.

³ <http://www.aemet.gub.es/en/meteorology/clima/sequias/meteorologicas/>, San Salvador 24 de Junio 2015.

COLLECTION OF ARTISANAL FISHERIES INFORMATION

OSPESCA-CONFEPESCA Agreement

With fishers leaders and harmonic methodologies.

- collectors,
- digitizers,
- supervisors,
- technical support

**Emphasis
on climate variability.**



Where is collected the information

- In relevant places for the collection of information related with fishing, climate and water.
- In places with few or no presence of national inspectors to collect the information about fisheries management and aquaculture.

Tools for implementation



Field Activities

Fishing boats information



Collection of information



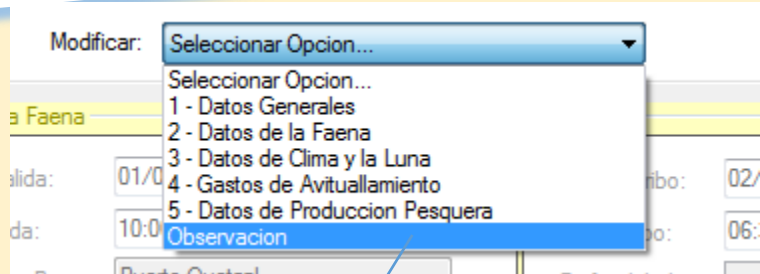
Fingering

Supervision



Colecta de Información de la Pesca Artesanal

Sistema de digitalización y reporte de datos



Computer program

Registro de Datos de Desembarque de la Pesca Artesanal

Modificar: **Seleccionar Opcion...**

1 Datos Generales

Fiscador/colector: **Juán Chilin**
 Sitio desembarque: **Buena Vista, Itzapa, Chimaltenango, Guatemala**
 Embarcacion: **Fabrilita, Propiedad de: JOSE MIGUEL RIZZO URTARTE**

2 Datos de la Faena

Fecha Salida: **01/03/12** Hora Salida: **10:00.00 a.m.**
 Fecha Arrib: **02/03/12** Hora Arrib: **06:30:00 a.m.**
 Area/Zona Pesca: **Puerto Quetzal** Profundidad: **37.00**
 # Tripulantes: **2** Distancia: **0.00 (Millas)**
 Ate Pesca: **Red Agalleras/Enmalle/Trasmallos**
 Turno Pesca: **Amor(De la y Noche)** **Calcular Turno**

3 Datos de Clima y la Luna

Fase Lunar: **Cuarto creciente**
 Oleaje: **Sin Oleaje**
 Lluvia: **Sin Lluvia**
 Viento: **Brisa Normal**

4 Gastos de Avituallamiento

Concepto	Cant.	Valor (Q)	Precio (Q)
Combustible	5.00	23.33	4.67
Acete	0.50	2.66	5.32
Bateria de Carro	1.00	1.33	1.33
Bateria linterna	1.00	1.06	1.06
Alimentación	1.00	1.33	1.33
Camada	1.00	0.00	0.00
Hielo	1.00	4.66	4.66
Maniobrero	1.00	2.66	2.66
Otros Gastos	1.00	0.00	0.00

Total Gastos (Q) **37.03**

5 Datos de Producción Pesquera

Nombre: **Abulan, Caracol, conchite**
 Volumen: **0.00 (Libras)** Valor: **0.00 Q** **Adicionar**

Recurso/Especie	Peso	Valor Venta
Otros/Varios	184.00	49.06
Otros/Varios	28.00	14.93
Queen, Ruco, Roncador	36.00	28.80

Total (Q) **92.79**

Fecha toma datos: **02/03/12** No. de Faena: **BB 00001329**
 Observaciones: **Otros: Cachico, Guabina**

Guardar **Cerrar**

the program produces 22 reports

Results of the Information Collection

	2011-2012	2013-2014
Faenas	52,333	61,558
Embarcaciones	1,205	1,293
Producción (libras)	5,845,814	5,940,271
Ingresos (USD)	6,037,439	9,371,359
Gastos de avituallamiento (USD)	3,548,487	5,556,180
Utilidad bruta (USD)	2,488,952	3,815,179
Utilidad bruta por faena (USD)	47.56	61.98
Utilidad bruta por libra de producto (USD)	0.43	0.64
Precio promedio por libra de producto	1.03	1.58
Índice bruto de rentabilidad	41.2%	40.7%



Acuerdo operativo de colaboración conjunta entre CONFEPECA y OSPESCA

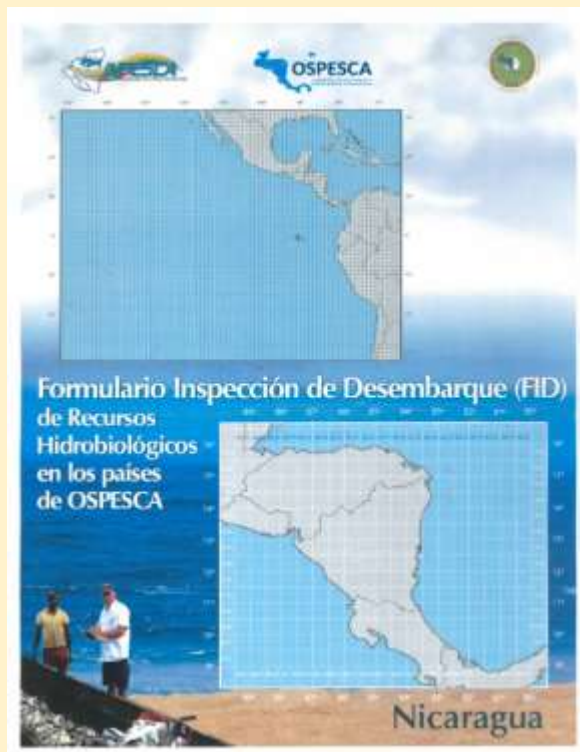
Informe
“Colecta de datos
de la pesca artesanal en Centroamérica”
CIPESCA, 2013 – 2014



Centroamérica, diciembre de 2015

Harmonized forms and training of personal

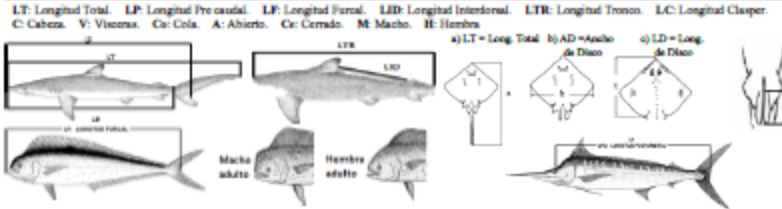
- Form of Biological and Fishing sampling in landings
- Form of Inspection of Landings (FID) of Hydrobiological Resources in OSPESCA's countries



MONITOREO BIOLÓGICO																						
Especie	Sexo		AD	LD	LT	LP	LF	LI	LTI	LC	Peso	El animal tiene			Ombli-go		No. de crías		Clasper calcifi-cado		Clasper con espina	
	M	H	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(kg)	C	V	Co	A	Ce	M	H	Si	No	Si	No
1																						
2																						
3																						
4																						
5																						
6																						
7																						
8																						
9																						
10																						
11																						
12																						
13																						
14																						
15																						
16																						
17																						
18																						
19																						
20																						
21																						
22																						
23																						
24																						
25																						
26																						
27																						
28																						
29																						
30																						
31																						
32																						
33																						
34																						
35																						
36																						
37																						
38																						
39																						
40																						

Observaciones

1. General Information
2. Information of fishing arts
 - Longline
 - Gillnet
 - Hand line
 - Trawl
3. Species
 - Numbers
 - Weight
 - Size



TRAINING IN THE USE OF FORMS



113
technicians



Database



- In coordination with the Inter-American Tropical Tuna Commission (IATTC).
- They entered in force on November 1, 2013.
- Equipment of national authorities

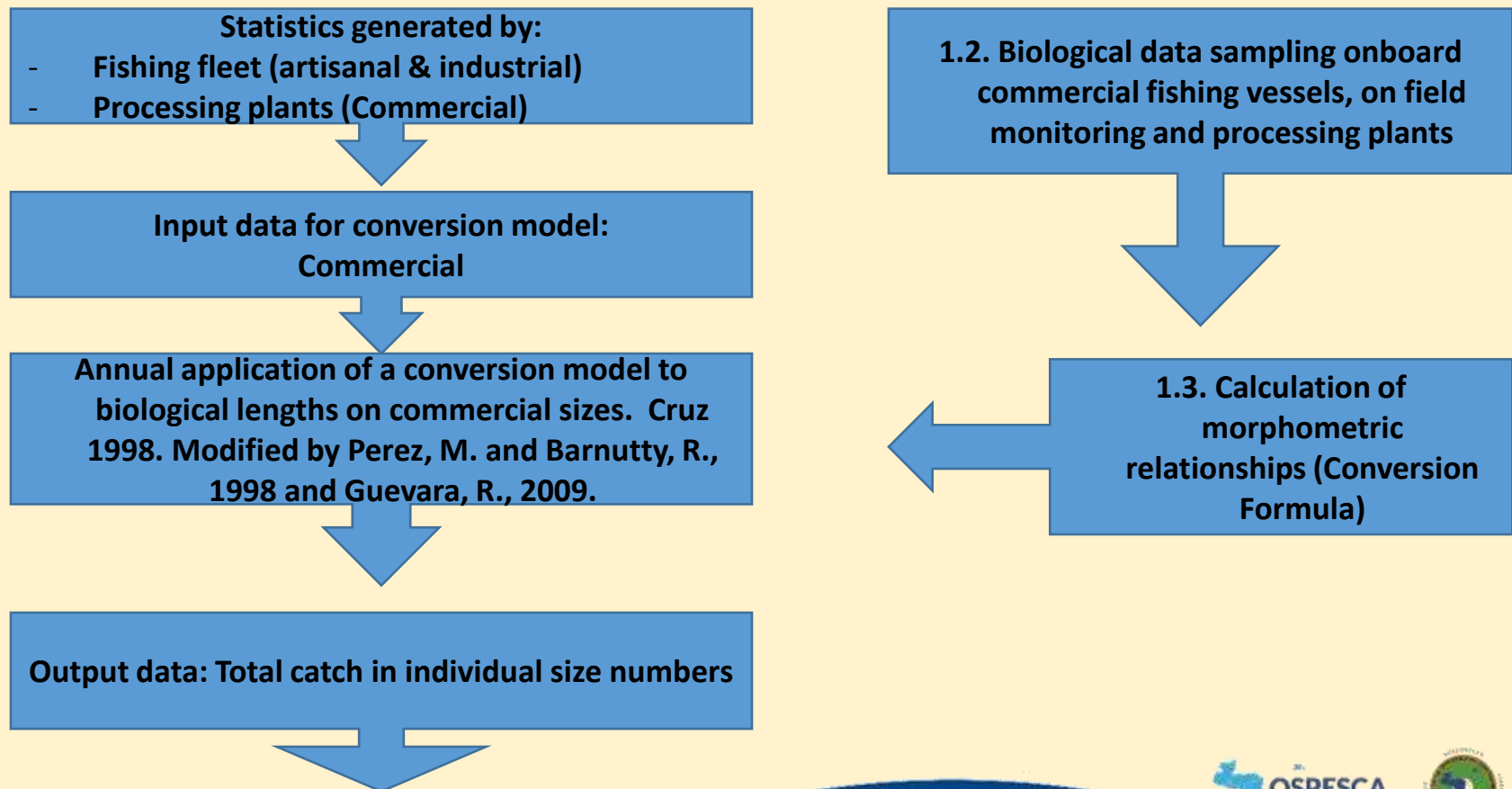
THE CARIBBEAN SPINY LOBSTER (*Panulirus argus*) REGIONAL FISHERY MANAGEMENT PLAN

Establishment of a systematic management regime for the Caribbean Spiny Lobster (*Panulirus argus*) fishery in the countries of its geographical distribution.

This management regime takes place in the framework of sustainable use, taking into account ecological balance, social and economic benefits for participants at all stages of the production process.



- Common sampling methodology (on board and in processing facilities)
- Harmonic monitoring on board of commercial fishing boats.



www.sica.int/ospesca
facebook: sica.ospesca



Thanks