



Food and Agriculture
Organization of the
United Nations



WECAFC-FIRMS Data workshop

The Caribbean Netherlands, an overview on the
Fisheries and Marine Resources inventory

Issues, challenges and lessons learned focusing to data collection, data gaps and deficiencies, and capacity

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Outline

Day 1

- Profile of fisheries and marine resources for the country
- Brief overview for the focus fisheries
- Issues, Challenges & Lessons learned

DAY 2 & 3

- Type of available data for the focus fisheries:
 - Queen conch
 - Lobster
 - Others
- Sources and quality of Information
- Potential indicators in support of the Fisheries Management Plans (FMPs)

Profile of the fisheries

- Small scale artisanal fisheries
- Very Different on each Island
- 2 Government Layers
- (Very) Outdated or Inexistent Regulation
- No Processing Plants
- Important Cultural Aspect

Marine Resources

- Reef fisheries
- Large pelagics
- Small pelagics

Issues, Challenges & Lessons Learned

- Differences and distance between islands
- Lack of Capacity
- Political Will
- Sectors Involvement
- No Export Data
- Fishermen do not Provide Data Themselves
- Research leading to Overfishing

Profile of fisheries and marine resources for the Caribbean Netherlands

Geographical overview	EEZ extension	18846 square km EEZ 6267 square km territorial sea
	National boundaries	Curacao, Dominican Republic, Venezuela, France, St. Kitts & Nevis, Anguilla, U.S. Virgin Islands
Maritime Domain	Main international agreements	SPAW, CBD, Ramsar, Inter-American Sea Turtle Convention, CITES, WECAFC
	Joint management plans	Marine Mammals
General figures on production sector	Catches	<Tons>
	employments	Numbers not available
Available fisheries in the country	National fleet	Exact numbers not available
	Foreign fleet	Non existent
Stocks assessed		Lobster, Conch, Finfish
Trends and issues		Diminishing (lobster)

<Please change text or extend the table at your convenience>

Brief overview for the focus fisheries

Country overall production: <Value in Tons>

Fishery	Percentage from overall country production
Queen Conch	
Flyingfish	
Lobster	
<Others>	

<Extend table as needed>
<Use one row for each type of fishery targeting a resource>

DAY 2-3

The following slides will be not presented but used in day 2& 3 and for the workshop report)

Type of available data for: Queen conch

Marine Resource

- Type of Assessment(s) and State of the Resource

Fishery

- Fishery area
- Characteristics of the fishing ground
- Harvested resources
- Means of production
- Exploitation
- Post-harvest use
- Management (e.g. international agreements, joint management plans...)
- Trend of the fishery
- Fishery lifecycle
- Related fisheries

<These correspond to FIRMS Concepts. Please see: <http://firms.fao.org/firms/concepts/en>>
<Use one slide for each type of fishery targeting this resource>

Type of available data for: Flyingfish

Marine Resource

- Type of Assessment(s) and State of the Resource

Fishery

- Fishery area
- Characteristics of the fishing ground
- Harvested resources
- Means of production
- Exploitation
- Post-harvest use
- Management (e.g. international agreements, joint management plans...)
- Trend of the fishery
- Fishery lifecycle
- Related fisheries

<These correspond to FIRMS Concepts. Please see: <http://firms.fao.org/firms/concepts/en>>
<Use one slide for each type of fishery targeting this resource>

Type of available data for: Lobster

Marine Resource

- Type of Assessment(s) and State of the Resource

Fishery

- Fishery area
- Characteristics of the fishing ground
- Harvested resources
- Means of production
- Exploitation
- Post-harvest use
- Management (e.g. international agreements, joint management plans...)
- Trend of the fishery
- Fishery lifecycle
- Related fisheries

<These correspond to FIRMS Concepts. Please see: <http://firms.fao.org/firms/concepts/en>>
<Use one slide for each type of fishery targeting this resource>

Type of available data for: <Others>

Marine Resource

- Type of Assessment(s) and State of the Resource

Fishery

- Fishery area
- Characteristics of the fishing ground
- Harvested resources
- Means of production
- Exploitation
- Post-harvest use
- Management (e.g. international agreements, joint management plans...)
- Trend of the fishery
- Fishery lifecycle
- Related fisheries

<Please change “Others” by the species name(s) for which you collected information>
<These correspond to FIRMS Concepts. Please see: <http://firms.fao.org/firms/concepts/en>>
<Use one slide for each type of fishery targeting this resource>

Sources and quality of Information

- Queen conch: <logbooks, survey, purchase records, etc.>
- Flying fish: ...
- Lobster: ...
- Others:...

<Please discuss the sources and their quality utilized to fill the Excel inventory>

Potential indicators in support of the Fisheries Management Plans (FMPs)

Fishery indicators		
	Exploitation	Socioeconomic
Indicator Type	<ul style="list-style-type: none"> • Catch • Effort • Nominal Effort • Fishing Capacity • Fleet Size • Production 	<ul style="list-style-type: none"> • Economic Performance • Employment • Participation • Utilization
Measure	<ul style="list-style-type: none"> • Catch • Number of Ports • Landed Volume • Fleet Tonnage • Fleet Power • Number Vessels • Number Fishing Unit • Trawling Hours 	<ul style="list-style-type: none"> • Gross Value Added • Landed Value • Landed Average Price • Landed Global Value • International Market Global Value • Number Fishermen • Per Capita Consumption • Domestic Human Consumption • Shared in Animal Protein

<Please highlight which of these indicators would be relevant for your fisheries, and please add others as appropriate. Add additional slides as needed. This slide will be discussed on Day 2>

Issues, Challenges and Lessons learned

Issues & Challenges

- Data gaps
 - Fishery statistics (landings, effort, fleet size)
 - Socioeconomic data
 - Biological data (lengths, ages, life history)
- Technical capacity (knowledge/information/training)
- Legal/Policy/Institutional provision (e.g. no reporting required by law)
- Good coordination and management of fishery data collection including periodic review
- Data sharing
- ...

Lesson learned

<best practices to address the identified deficiencies, gaps and capacity needs in national contexts >

<Please fill the slide according to your work experience and issues faced when compiling the Excel inventory>

Thank You!
Gracias!
Merci!