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CRFM ADMINISTRATIVE REPORT



# CRFM ANNUAL REPORT

1 April 2013 - 31 March 2014



**Towards Sustainable Development of Fisheries  
for the People of the Caribbean**

# **CRFM Administrative Report**

Annual Report

1 April 2013 – 31 March 2014



**CRFM Secretariat  
2014**

# **CRFM ADMINISTRATIVE REPORT – CRFM Annual Report, 1 April 2013 - 31 March 2014**

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## **MISSION**

*To promote and facilitate the responsible utilization of the Region's fisheries and other aquatic resources for the economic and social benefit of the current and future population of the Region.*

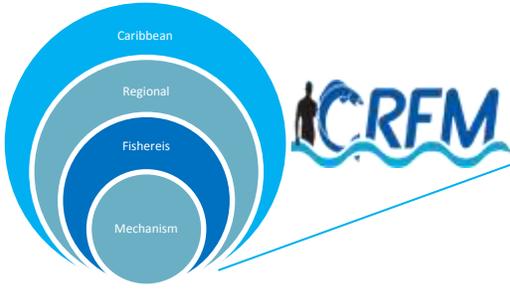






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## FOREWORD



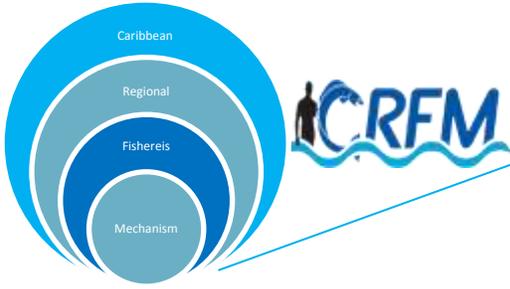
The challenges of sustainable development in the CARICOM/CRFM States are numerous and diverse. Unemployment, underemployment, poverty, food and nutrition insecurity, poor housing, and inadequate access to basic services such as water, school, healthcare are just a few of the difficult challenges that must be addressed in order to create a more prosperous future for the people of the region.

The fisheries and aquaculture sector presents real opportunities for blue economic growth, wealth creation and food security through diversification, innovation, trade, conservation and regional cooperation. The contribution of fisheries to social and economic growth and development can be enhanced through appropriate

policy interventions and cooperative actions among States.

During the 2013 – 2014 Programme Year the CRFM continued to advance a number of recent initiatives which are designed to ensure that aquaculture and marine resources make enhanced sustainable contribution to the regional social and economic development. These include programmes to improve governance and management of the fisheries sector, strengthen research and data collection, and build human and institutional capacity to discharge the duties and responsibilities that are part of the multi-faceted portfolios of public and private sector organisations responsible for fisheries and aquaculture development and conservation. The following are some of the major initiatives undertaken:

- ◆ The Caribbean Community Common Fisheries Policy which was endorsed by the Council in May 2011, and by the Legal Affairs Committee in November 2013;
- ◆ Implementation of the Castries Declaration on IUU Fishing through the completion of a Regional Strategy on MCS and the development of manuals to facilitate action by enforcement personnel;
- ◆ The adoption of a regional strategy and plan of action on climate change adaptation and disaster risk management in the fisheries and aquaculture sector;
- ◆ The development of a fishery management plan for the flyingfish fishery, and a draft agreement on the conservation, management and sustainable use of lobster;
- ◆ Adoption and implementation of the ICT strategy for the fisheries sector;



- ◆ Institutional capacity development and training of fisheries personnel and fisherfolk; and
- ◆ Conducting research, as well as sharing data and information and management recommendations on key commercial species through the Annual Scientific Meeting.

Climate change and disaster risk management are areas that require special attention in light of the potential devastating impact of both man-made and natural hazards, such as tropical storms, hurricanes, floods, volcanic eruptions, and earthquakes, can have on fishing communities and marine ecosystems. The negative effects of climate change and climate variability on marine ecosystems and on fisherfolk and coastal communities are already evident and the situation will probably only get worse in the coming decades.

In May 2013, the CRFM Ministerial Council approved the *Regional Strategy, Action Plan and Programme Proposal on Disaster Risk Management and Climate Change Adaptation in Fisheries and Aquaculture*. This policy document provides a framework for concerted action to implement adaptation and mitigation measures, and to protect food security and the livelihoods of coastal communities in the region. This will pave the way to begin the process of climate proofing and protect the vulnerable coastal fishing communities and their livelihoods, and build ecosystem resilience into our aquaculture and fisheries management policies.

The CRFM Secretariat looks forward to strengthening collaboration with Member States, the private sector and regional and international development partners in the coming years to transform the fisheries and aquaculture sector into one that is more modern, sustainable and internationally competitive.

Milton Haughton,  
Executive Director

## HIGHLIGHTS OF THE PROGRAMME YEAR

### Region-wide CRFM Campaign Launched to Promote the Caribbean Community Common Fisheries Policy (CCCFP)

***Economic benefits***

	<i><b>Greater income for fishers and wealth creation through social and economic development of the sector</b></i>
	<i><b>More investment opportunities in the fishing industry for CARICOM entrepreneurs</b></i>
	<i><b>Increased regional market and economic competitiveness for the sector</b></i>



A major, region-wide initiative which the CRFM undertook during the Programme Year 2013-2014 was the launch of a comprehensive campaign to promote the Caribbean Community Common Fisheries Policy—a regional treaty which promises to preserve the fisheries of the Caribbean, protect fisher incomes and create more wealth for CRFM Member States from the living resources in the waters around us.

More than a decade ago, the Fourteenth Inter-Sessional Meeting of the Conference of Heads of Government, held from 14-15 February 2003 in Trinidad and Tobago, issued a mandate for the preparation of a Common Fisheries Policy and Regime for the region.

The policy's wider goal is to establish appropriate measures for the conservation, management, sustainable utilisation and development of fisheries resources and related ecosystems; the building of capacity amongst fishers and the optimisation of the social and economic returns from their fisheries; and the promotion of competitive trade and stable market conditions.

A minimum of 8 signatures is needed to bring the policy into force. The CCCFP was opened for signature during the Twenty-fifth Inter-Sessional Meeting of the Conference of Heads of Government of the Caribbean Community (CARICOM) held in St. Vincent and the Grenadines from 10-11 March 2014. Although no Member State signed at that Conference, Barbados and Suriname have since confirmed that they are ready to sign.

## More CRFM Milestones for 2013-2014

### The CRFM

- Contributed to landmark international case on IUU fishing before the International Tribunal on the Law of the Sea (ITLOS): Case No. 21.
- Made bid to US-CARICOM Council on Trade and Investment against the petition to list the Queen Conch as a threatened or endangered species under the US Endangered Species Act.
- Engaged fishers in decision-making through new electronic policy dialogue.
- Commenced field implementation of the 5-year CARIFICO Project promoting co-management of fisheries and expanding use of Fish Aggregating Devices in the region.
- Advanced preparation of: (i) a Sub-regional Fisheries Management Plan for the Flyingfish Fisheries, and (ii) a Regional Agreement on the Conservation, Management and Sustainable use of the Spiny Lobster Resources.

### Second CRFM Strategic Plan

The CRFM’s first strategic plan, introduced in 2003, was concluded in 2011. It was implemented through two successive medium term plans spanning 2003-2007 and 2008- 2011.

During the Programme Year (2013-2014), the CRFM finalized and began implementing its new 8-year Strategic Plan. The CRFM Ministers responsible for fisheries endorsed the CRFM’s Second Strategic Plan (2013-2021), at their 7<sup>th</sup> Meeting held in May 2013. The Plan was prepared after extensive consultations with stakeholders and Member States. The new plan follows a comprehensive independent performance review of the CRFM by experts of the Food and Agriculture Organisation of the United Nations (FAO). This review is addressed in further detail on page 15 of this report.



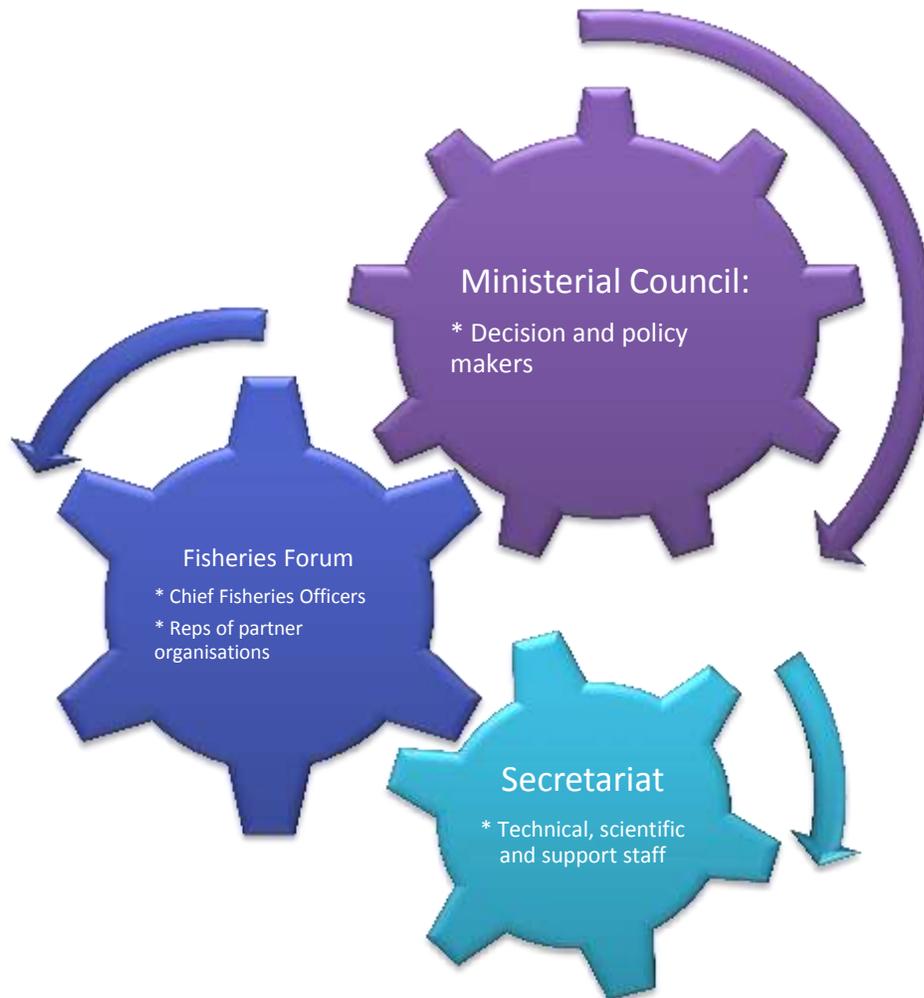
*The plan says that, “Any forward looking document, including this second Strategic Plan, needs to start with an analysis of the situation (the historical context, what was accomplished) followed by an assessment of the context in which the CRFM operates and the challenges facing the fisheries and aquaculture sector in the Caribbean and the CRFM. This is the purpose of the first three sections of this Plan.”*



Documenturl:

[http://www.crfm.int/index.php?option=com\\_k2&view=item&task=download&id=167\\_819eb94f8dcfbf88e0321546f2ae67&Itemid=232](http://www.crfm.int/index.php?option=com_k2&view=item&task=download&id=167_819eb94f8dcfbf88e0321546f2ae67&Itemid=232)

## THE WHEELS OF THE CRFM



**THE MINISTERIAL COUNCIL**



*“The Ministerial Council has a critical role to play in shaping the direction of this organisation as a whole, not just in terms of decision-making... but to ensure that our various countries’ directorates are fully aware of the importance of this organisation and that we do, as Ministers, all that we can to be steadfast advocates...”*

--Chair of CRFM’s Ministerial Council (2012-2013), Hon. V. Alfred Gray, M.P.,  
The Bahamas

The Ministerial Council, which is made up of the Ministers responsible for fisheries, charts the policies of the CRFM. It is also responsible for providing leadership to the CRFM in the areas of research; fisheries management and conservation; approval of strategic plans and policy positions, work plans and budgets, fisheries cooperative agreements, and donor projects.

**Dr. Hon. David C. Estwick Assumes Chairmanship of Ministerial Council**

At the 7<sup>th</sup> Meeting of the Ministerial Council of the CRFM held in Barbados on 31 May 2013, Minister of Agriculture, Food, Fisheries and Water Resource Management for Barbados, Dr. Hon. David C. Estwick, M.P., assumed the chairmanship of the Ministerial Council of the Caribbean Regional Fisheries Mechanism (CRFM) from Hon. V. Alfred Gray, M.P., Minister of Agriculture, Marine Resources and Local Government for The Bahamas.

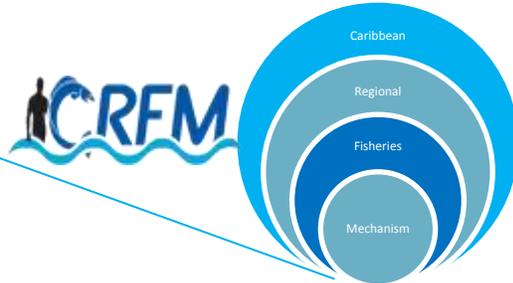


*“An area where focus is definitely needed is the implementation of policies and recommendations in a much more timely manner. We have seen tardiness to this end.... One such policy that readily comes to mind is the Castries Declaration on Illegal, Unreported and Unregulated [IUU] fishing and the Caribbean Community Common Fisheries Policy,”*

-- Dr. David Estwick

**Activities of the Ministerial Council:**

- ✚ Endorsed the Report of the 10<sup>th</sup> Meeting of the Caribbean Fisheries Forum, which was convened in The Bahamas in March 2012;
- ✚ Issued call on Member States to address issues such as illegal, unreported and unregulated (IUU) fishing, developments in international law, and the establishment of an aquaculture working group;
- ✚ Endorsed the CARICOM/Spain diagnostic study to determine poverty levels in 10 CARICOM States;
- ✚ Reviewed the JICA-funded Study on the Formulation of a Master Plan on Sustainable Use of Fisheries Resources for Coastal Community Development in the Caribbean
- ✚ Accepted proposals for the development of a regional strategy to tackle the lionfish invasion in the Caribbean;
- ✚ Discussed improvements in scientific knowledge of commercially important fish stocks, their conservation status and resource management recommendations;
- ✚ Endorsed regional strategy development for disaster risk management and climate change.



## ***THE CARIBBEAN FISHERIES FORUM***

The Caribbean Fisheries Forum is made up of one representative from each Member State, each Associate Member and each Observer. The Forum is responsible for making recommendations to the Ministerial Council of arrangements for sustainable fisheries management and development in Member States based on the best available technical and scientific data and information.

## ***THE EXECUTIVE COMMITTEE***

The Executive Committee consists of representatives of 6 CRFM Member States. The membership of the committee is drawn from the *Caribbean Fisheries Forum*. The Committee holds inter-sessional meetings twice a year between sittings of the Caribbean Fisheries Forum, as its principal mission is to advance the Forum's work between formal Forum meetings using a consensus-building approach.

## ***THE CRFM WORKING GROUPS***

Seven(7) Working Groups have been named which should report regularly to the Fisheries Forum:

- The Working Group on Aquaculture (WGA);
- The Conch and Lobster Resource Working Group (CLWG);
- The Reef and Slope Fish Resource Working Group (RSWG);
- The Shrimp and Groundfish Resource Working Group (SGWG);
- The Small Coastal Pelagic Fish Resource Working Group (SCPWG);
- The Large Pelagic Fish Resource Working Group (LPWG); and
- The Report of Data, Methods and Training Working Group (DMTWG).

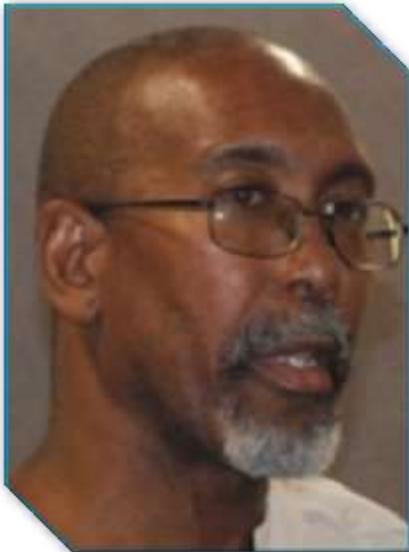
## ***THE SECRETARIAT***

The CRFM's Secretariat is the technical unit of the organisation. It comprises a permanent body of technical and support staff, located at two offices: the headquarters in Belize, Central America; the other office in St. Vincent and the Grenadines, in the Eastern Caribbean. The CRFM Secretariat takes care of the day-to-day work of the organisation.

## CRFM Staff Changes

**Terrence Phillips**, the CRFM’s former Programme Manager – Fisheries Management and Development, retired during the Programme Year. He joined the staff of the CARICOM Fisheries Unit (CFU), the predecessor of the CRFM, as a Biologist and leader of the Resource Assessment Unit in 1994. He continued working with the CRFM, upon its establishment in 2002, as Programme Manager – Fisheries Management and Development. His portfolio included a wide range of programmes related to aquaculture and fisheries development, resource conservation and management, building capacity of fishers organization, IUU fishing, and sanitary and phyto-sanitary systems. His commitment and dedication to the CRFM has been invaluable.

Two new senior staff members were hired in 2013: Elizabeth Mohammed and Peter A. Murray.



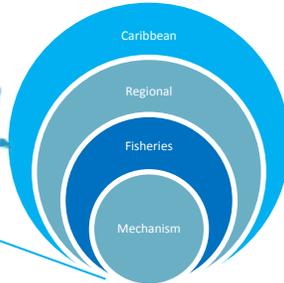
On 1 October 2013, **Peter A. Murray**, a national of Saint Lucia, began working as the CRFM’s Programme Manager – Fisheries Management and Development. He is tasked with planning and implementation of the fisheries conservation, management and development programme.

His work also includes coordinating the development of fisheries management plans for the Region’s fisheries; enhancing global competitiveness; strengthening monitoring, control and surveillance capacities in the Region; developing aquaculture and mariculture initiatives; and promoting climate change adaptation and disaster risk management in fisheries.

Peter holds a Master of Philosophy degree in Biology from the University of the West Indies and a Diploma in International Environmental Law from the United Nations Institute for Training and Research.

The former educator has also served as the senior-most Fisheries Biologist at Saint Lucia’s Department of Fisheries. He has also worked as a senior Programme Officer at the Organisation of Eastern Caribbean States (OECS) Secretariat.

Peter A. Murray has been a member of the Network of Tropical Fisheries and Aquaculture Scientists since 1984 and has served on the Board of Directors of the Gulf and Caribbean Fisheries Institute on two separate occasions for a total of 10 years.



**Elizabeth Mohammed** also joined the CRFM Secretariat on 1 October 2013. She was hired as Programme Manager – Research and Resource Assessment.

Her area of work focuses on fisheries and related research and resource assessment, in order to provide information for planning and decision-making. Such work focuses on the assessment of commercially important fisheries and aquaculture of the CRFM Member States. Elizabeth’s work will be essential in expanding the scope of biological, ecological, social, economic, environmental and climate change related research based on fishery assessment and management for CRFM Member States.

Elizabeth Mohammed earned her Master of Philosophy Degree in Zoology (focus on fish biology, ageing and reproductive studies) from the University of the West Indies. She also took courses in fisheries management and development, quantitative analysis of fisheries and ecological modeling at the University of British Columbia.

Mohammed formerly served as Senior Fisheries Officer at the Fisheries Division, Ministry of Food Production, in Trinidad and Tobago, where she began to establish her career several years ago as a Fisheries Officer. Mohammed was Acting Director of Fisheries from 2008 to 2010.

She has conducted research which is directly relevant to the ecosystem approach to fisheries management, and she intends to continue to contribute in a meaningful way to the advancement of fisheries management and development in the Region.

## International Fisheries Expert spends Sabbatical at CRFM

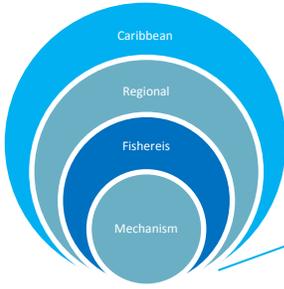
**Thor Asgeirsson**, an international fisheries expert, spent his sabbatical at the CRFM Secretariat from July to December 2013.

Thor is a marine ecologist by training. He is also the Deputy Director of the United Nations University Fisheries Training Programme (UNU-FTP), which is hosted by the Marine Research Institute in Iceland.

During his tenure at the CRFM Secretariat in Belize City, Asgeirsson helped to conduct a training needs assessment in the fisheries administrations across CRFM Member States. He also developed a framework for future cooperative projects between the United Nations University System and the CRFM, with the aim of furthering support for the development and management of aquaculture and fisheries in the Caribbean.



Asgeirsson's assignment to the CRFM was executed within the framework of an MoU between UNU-FTP and the CRFM Secretariat.

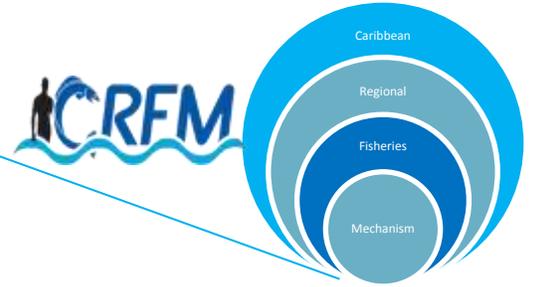


# CRFM MEMBER STATES



Map: ArcGIS Online

1. Anguilla
2. Antigua and Barbuda
3. The Bahamas
4. Barbados
5. Belize
6. Dominica
7. Grenada
8. Guyana
9. Haiti
10. Jamaica
11. Montserrat
12. St. Kitts and Nevis
13. St. Lucia
14. St. Vincent and the Grenadines
15. Suriname
16. Trinidad and Tobago
17. Turks and Caicos Islands



## Financing

The work of the CRFM is funded directly by Member States, and directly and indirectly by international development partners through project financing. Member States’ annual contributions to the CRFM was budgeted at approximately EC\$2.582 million dollars or US\$960,500 for the Programme Year.

The international development partners which provide indirect funding and/or technical support include the Food and Agriculture Organisation (FAO) of the United Nations; the European Union; Japanese International Cooperation Agency (JICA); Technical Centre for Agricultural and Rural Cooperation (CTA); Global Environmental Facility (GEF); Australian Agency for International Development (AusAID) and the Australian National Centre for Ocean Resources and Security (ANCORS); University of Florida Sea Grant; National Marine Fisheries Service (NMFS), USA; United Nations University Fisheries Training Programme (UNU-FTP); Government of Iceland; International Ocean Institute (IOI) – Dalhousie University; Intergovernmental Oceanographic Commission Sub-Commission for the Caribbean (IOCARIBE); and the Centre for Resource Management and Environmental Studies (CERMES), at the University of the West Indies (UWI).



## Statistical Profile



3% growth in fish (meat weight) production



113,412 employed in marine and aquaculture production



Roughly 49,000 fishing vessels deployed



Fish exports annually: 64,510 metric tonnes



Fish imports for food in 2012 = 70,684 mt

During the Programme Year, we published the *CRFM Statistics and Information Report 2011/2012*. The report is based on fisheries statistical data from Member States.

A total of 113,412 persons were employed in direct production of fish and aquaculture: approximately 110,818 persons were employed in direct production in the marine capture fisheries and approximately 2,594 person employed in direct production in aquaculture systems. The total number of fishing vessels operating in the commercial capture fisheries of CRFM Member States was estimated at 48,645 in 2011 and 48,640 in 2012 (an average 48,643 per year).<sup>1</sup>

According to the CRFM Statistical Report, “Over the two-year period of 2011 – 2012 the region produced an average of 170,183 mt (live weight) or 151,948 mt (meat weight) of marine capture fish annually. The region's fish production in meat weight grew by approximately 3% and the highest total meat weight production for the period 2001 – 2012 of 154,741mt was recorded in 2012.”

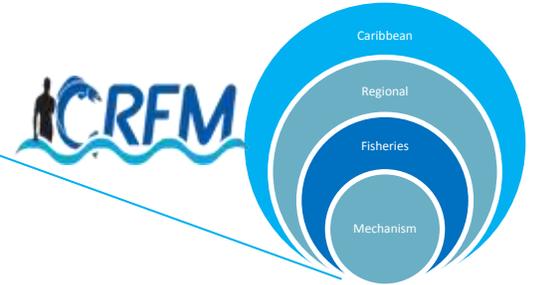
### Production

The report also notes that aquaculture production was 7,291mt for 2011-2012. “Belize was the largest aquaculture producer during the period, producing approximately 5,479 mt annually, followed by Jamaica producing approximately 897 mt annually. Together these two main producers (Belize and Jamaica) accounted for 91% of the region’s aquaculture output over the period,” the report detailed.

### Imports

The region’s fish imports are comparably high. The report documented that 68,739 mt of fish for food were imported by CRFM States in 2011 (44% of the production from marine capture fisheries

<sup>1</sup> These figures do not include the activities of vessels operating on the high seas under the flag of CRFM Member States.



plus aquaculture production of the region) and 70,684 mt of fish (for food) in 2012. In 2011, import of chilled/fresh or frozen fish accounted for 39%, canned fish accounted for approximately 41% of total fish imports, while the import of dried, salted, smoked, pickled (cured) fish accounted for approximately 20% of the total imports.

### Exports

Over the two-year period, the total domestic exports of fish from the CRFM region (including exports of fish for food, bait and live ornamental fish for breeding or rearing) was approximately 64,510 mt annually; 53,881 mt in 2011 and 75,140 mt in 2012. Fish exported for food accounted for about 99.7% of the total. The total value of the domestic exports from all Member States combined was US\$191 million in 2011 and US\$251 million in 2012 (an average of approximately US\$221 million annually).

### Country comparisons

The top six marine capture fish **producers** from among the CRFM Member States for the period, in consecutive order, were:

1. Guyana
2. Suriname
3. Haiti
4. Trinidad and Tobago
5. Jamaica
6. The Bahamas

- ◆ Jamaica was the largest **importer** of fish in 2011, followed by Haiti then Trinidad and Tobago.
- ◆ Suriname, Guyana and Belize were the three largest domestic **exporters** of fish. Together, they accounted for 86% of total domestic exports of fish from the region.

## Caribbean Community Common Fisheries Policy

*“The CCCFP has been approved at virtually every level of government in the affected nations, with the exception of the Head-of-State level. All that remains to do is having the policy approved and signed by at least eight CARICOM Heads of State.”*

-- CRFM Executive Director, Milton Haughton

At the 4<sup>th</sup> Special Meeting of the Ministerial Council of the CRFM held at the CARICOM Secretariat in Georgetown, Guyana, on 10 October 2013, Ministers reiterated their support for the Common Fisheries Policy and furthermore urged CRFM Member States to expedite consultations so that the treaty could be ready for formal signing.

At the meeting, chaired by St. Lucia’s Minister of Agriculture, Fisheries and Food Production, Hon. Moses Jn. Baptiste, the CRFM Ministerial Council also underscored the important role of fisheries and aquaculture in the CARICOM Region. The sector contributes to food and nutrition security, employment, and the economic and social well-being of the Caribbean people.

The CCCFP has its genesis in a call issued at the 14<sup>th</sup> Inter-Sessional Meeting of the Conference of Heads of Government held more than a decade ago in Trinidad and Tobago. At the time, the leaders mandated the preparation of a common fisheries policy and regime for the region.

### **2011 Endorsements of the CCCFP**

The Draft Agreement Establishing the Caribbean Community Common Fisheries Policy (CCCFP) was formulated and then unanimously endorsed by the 4<sup>th</sup> Meeting of the Ministerial Council of the CRFM on 20 May 2011, supported by the 38<sup>th</sup> Special Meeting of the Council for Trade and Economic Development (COTED) held on 14 October 2011.

At the 7<sup>th</sup> Meeting of the CRFM Ministerial Council in 2013, Ministers called on all Member States and the CARICOM Secretariat to make every effort to ensure that the CCCFP is opened for signature by the Conference of Heads of Government at their subsequent meeting. They called on Member States to ensure that their internal consultations are expedited to facilitate this approval.

The 18<sup>th</sup> Meeting of the Legal Affairs Committee (Attorneys-General) of CARICOM which met on Friday 29 November 2013, agreed to recommend the Draft Agreement to the Conference of Heads of



Government for signature. The Draft Agreement was opened for signature during the Twenty-fifth Inter-Sessional Meeting of the Conference of Heads of Government of the Caribbean Community (CARICOM) held in St. Vincent and the Grenadines from 10-11 March 2014. However, it has not yet been signed by any Member State.

**Public Awareness Campaign Launched**



A public awareness campaign aimed at galvanizing support for the signing of the Caribbean Community Common Fisheries Policy began in July 2013.

The CCCFP public awareness project was funded by the ACP Fish II Programme, a European Union funded initiative.

Brochures, fact sheets, video ads and other promotional items were produced and disseminated under this region-wide initiative.

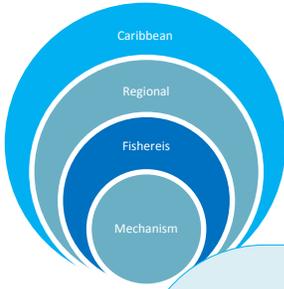
**YouTube Videos:**

- <http://youtu.be/61sFrvFaW-Q>
- <http://youtu.be/rUGzNNqrPS4>

All publicity materials can be accessed online at [www.crfm.int](http://www.crfm.int).

The direct url is: [http://crfm.int/index.php?option=com\\_k2&view=item&id=203:common-fisheries-policy&Itemid=336&highlight=WyJhd2FyZW5lc3MiXQ](http://crfm.int/index.php?option=com_k2&view=item&id=203:common-fisheries-policy&Itemid=336&highlight=WyJhd2FyZW5lc3MiXQ)

-  [Fact Sheet](#)
-  [Pamphlet](#)
-  [CCCFP News Release](#)
-  [Opinion Editorial Piece](#)
-  [Additional Resource Information](#)
-  [Agreement Establishing the CCCFP](#)
-  [CCCFP Presentation](#)



## Time to Focus on Fisheries

*Op-Ed by Milton Haughton, CRFM Executive Director*

**O**ur Caribbean fisheries impact so many lives throughout the region, particularly through the number of jobs connected to the fishing sector. There is direct employment of fishers and thousands more in the wholesale, processing, transport and retail side of the seafood business. Next come the vast numbers of citizens employed in tourism and hospitality, serving our visitors who come to the Caribbean to enjoy the rich marine biodiversity by snorkeling and diving, or catching fish at sea or on a dinner plate.

Nearly everyone in the region enjoys eating seafood. It's not only tasty; it's also very nutritious.

The connection to our fisheries clearly runs throughout Caribbean societies. With much of our culture, tradition and livelihoods depending on the fisheries, it is only right for us to do all that we can to protect and conserve fish stocks and ecosystems from degradation due to irresponsible fishing, pollution, habitat degradation and climate change.

Implementation of the Caribbean Community Common Fisheries Policy (CCCFP), a regional treaty on conservation, management and sustainable utilisation of fisheries resources, will help Caribbean nations preserve fisheries, protect fisher incomes and create more wealth. Provisions of the CCCFP are to facilitate transformation of the sector so that it is more market-oriented, more internationally competitive and more environmentally sustainable.

The policy, which was mandated by the CARICOM Heads of State, has been approved at virtually every level of government in the affected nations. All that remains to bring it into force is the signature of at least eight CARICOM Heads of State.

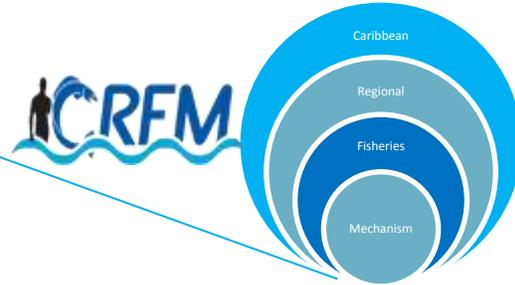
Times are hard all over the world. Nations are trying to identify new ways to grow their economies. The Caribbean fishing sector presents real opportunities for growth and wealth creation through diversification, innovation and cooperation. Greater fisheries-generated employment and income not only improve the livelihoods and welfare of fishers -- they also expand the overall regional economy. Improved conservation, licensing, regulation and enforcement called for in the CCCFP will better protect fish stocks and fisherfolk livelihoods threatened by losses in fishing opportunities caused either by illegal, unreported or unregulated fishing, or by other nations securing those opportunities first because of their apparent better management practices. Ratification of the CCCFP will help fishers and fishing communities to prosper and succeed on all desired levels.

Through cooperation, fishers can increase fish processing in the region and expand into value-added products to keep more of the profits here at home and create even more good jobs. Aquaculture business ventures are also encouraged by CCCFP.

Caribbean fisherfolk can diversify their products by pursuing under- or unexploited species of fish. The CCCFP calls for more scientific research, market research to develop greater market access, marketing, planning and sector trade development, all to support fishers. Furthermore, through improved science, the CCCFP will expand the data and information used in decision-making and resource management, enabling states to protect their interests, for example, during international negotiations for catch quotas.

Caribbean citizens can share in the social and economic improvements in the welfare of fishers through employment and income generation, along with strengthened food and nutrition security. Together, we all can move toward securing a brighter, more prosperous future and sustainable fisheries through ratification and implementation of the treaty.

Please let your leaders know that you support immediate implementation of the Caribbean Community Common Fisheries Policy. The time has come.



## PERFORMANCE REVIEW OF THE CRFM

The CRFM Independent Performance Review was conducted by FAO. It commenced in September 2012 and was completed in 2013. The Report with recommendations was endorsed by the 7<sup>th</sup> Meeting of the Ministerial Council held in May 2013 in Barbados. The Review Panel made 78 recommendations for improving the work of the CRFM.

Due to uncertainty about current levels of resource exploitation within inshore and reef areas and the consequences this has for the future livelihoods of the fishers and the sustainability of the resources, the panel recommended that in the near future high priority should be put on providing advice on small-scale fisheries management. It also recommended that socio-economic, environmental and climate change concerns should be incorporated in the management advice and noted that the lack of proper attention could lead to reduced uptake by stakeholders.

Statistics, data and information are vital to the work of the CRFM Secretariat and its Member Countries. Therefore, the panel emphasized the need to ensure timely provision by the countries.

It also urged the CRFM to continue fostering closer cooperation with OSPESCA, the Central American Fisheries and Aquaculture Organization (Organización del Sector Pesquero y Acuícola del Istmo Centroamericano). The First Joint CRFM-OSPESCA High Level Ministerial Meeting was held in Belize City on 3-4 September 2012.

On a regional scale, the CRFM should strengthen its role as a networking mechanism among fisheries administrations of the Member Countries, providing opportunities to discuss informally and formally the positions of its members and reach agreements, the Review Panel said.

The Review Panel recommended that similar initiatives should be undertaken with the other advisory fishery bodies in the area, and foremost with the Western Central Atlantic Fishery Commission (WECAFC) and the Latin American Organisation for Fisheries Development (Organización Latinoamericana de Desarrollo Pesquero (OLDEPESCA)). It said that this initiative will expand the skills and technical support base.

The Review Panel also noted the efforts of the CRFM members towards ratification of the various legally binding fisheries instruments, and said that those efforts should be increased (always keeping in mind that these are political decisions of Member States), in line with calls made by the CRFM Secretariat and with the Resolution on strengthening the implementation of international fisheries instruments made at the 14<sup>th</sup> Session of WECAFC (2012).

The CRFM's Ministerial Council, Forum and Executive Committee are responsible for monitoring the implementation of the recommendations of the Performance Review.

## Initiatives to tackle IUU Fishing

*The Castries (St. Lucia) Declaration on Illegal, Unreported and Unregulated (IUU) Fishing* was adopted by CRFM Member States in July 2010. In that declaration, Member States renewed their commitment to the establishment of a comprehensive and integrated approach to preventing, deterring and eliminating IUU fishing, by emphasizing the primary responsibility of the flag state in accordance with international law; and they committed to ensuring that nationals do not support or engage in IUU fishing.

Since 2012, the CRFM has been working to develop a strategic Monitoring, Control and Surveillance (MCS) response to the problem of illegal, unreported and unregulated fishing in the CRFM Region. That strategy was completed during the Programme Year 2013-2014.

The Regional MCS Strategy was finalized in the latter part of 2013. The Strategy contributes to combating, deterring and eliminating IUU fishing throughout the Region and beyond. It seeks to provide the CRFM with a strategic framework for action in MCS, through which the Region will develop its MCS capacity. The plan builds on identified core strengths and opportunities within the sector, in order to address and overcome identified weaknesses and threats. The Strategic Action Plan is driven/implemented through the actions of the CRFM, mindful of the fact that the Secretariat is currently constrained in terms of human resources. It therefore refrains from proposing action programmes which imply the location of permanent regional MCS functions within the



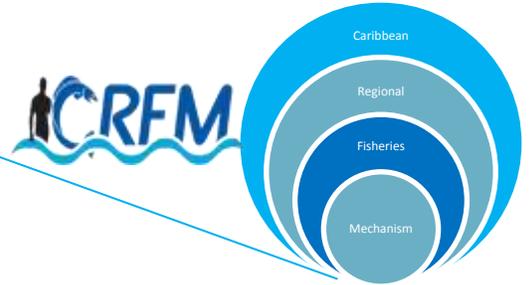
Belize Fisheries staff of the Conservation Compliance Unit. (Photo: Belize Fisheries Department)

Secretariat. The actions proposed in the Strategic Action Plan are geared to be implemented in sequential (or prioritised) manner, as several actions are foundation actions on which other actions build.

Pursuant to and in support of the implementation of the Regional MCS Strategy, a key intervention

undertaken at the regional level to achieve the objectives of the Castries Declaration was the initiative to update the Fisheries Prosecution Manual and the Fisheries Surveillance and Enforcement Standard Operating Procedures (SOP) Manual originally developed for use by the Organisation of Eastern Caribbean (OEC) States. This was completed in October 2013, through the CRFM's collaboration with the ACP Fish II Programme, funded by the EU. The new manuals are the result of consultations and meetings led by consultants, Dr. Winston McCalla of Jamaica and Ambassador Daven Joseph of Antigua and Barbuda.

Each Manual, to be available also in Spanish, French and Dutch, is designed as a handbook for fisheries enforcement officers, prosecutors and other actors for use when establishing, enhancing or enforcing MCS systems in support of fisheries management initiatives. They provide, in an orderly, chronological and concise manner, a set of procedural guidelines necessary (respectively) for a successful fisheries surveillance and enforcement operation and for a successful prosecution process that reflects the broad approaches in most CARIFORUM countries.



## New MCS Strategy and Study



REGIONAL STRATEGY ON MONITORING, CONTROL AND SURVEILLANCE TO COMBAT IUU FISHING IN THE CARICOM / CARIFORUM REGION

Url: [http://crfm.int/images/Regional\\_Strategy\\_on\\_MCS\\_to\\_Combat\\_IUU\\_Fishig\\_in\\_the\\_CARICOM-CARIFORUM\\_Region\\_April\\_2014\\_finalized\\_by\\_ED\\_7\\_April\\_2014.pdf](http://crfm.int/images/Regional_Strategy_on_MCS_to_Combat_IUU_Fishig_in_the_CARICOM-CARIFORUM_Region_April_2014_finalized_by_ED_7_April_2014.pdf)



STUDY ON MONITORING, CONTROL AND SURVEILLANCE IN THE CARICOM / CARIFORUM REGION

Url: [http://crfm.int/images/Study\\_on\\_Monitoring\\_Control\\_and\\_Surveillance\\_in\\_the\\_CARICOM-CARIFORUM\\_Region\\_dated\\_August\\_2013\\_2.pdf](http://crfm.int/images/Study_on_Monitoring_Control_and_Surveillance_in_the_CARICOM-CARIFORUM_Region_dated_August_2013_2.pdf)

## New Prosecution and Enforcement Manuals



PROSECUTION AND ENFORCEMENT MANUALS FOR CARIFORUM MEMBER STATES: Volume 1 - Fisheries Prosecution Manual

Url: [http://crfm.int/images/Fisheries\\_Prosecution\\_Manual.pdf](http://crfm.int/images/Fisheries_Prosecution_Manual.pdf)



PROSECUTION AND ENFORCEMENT MANUALS FOR CARIFORUM MEMBER STATES: Volume 2 - Fisheries Enforcement Standard Operating Procedures Manual

Url: [http://crfm.int/images/Fisheries\\_Enforcement\\_Manual.pdf](http://crfm.int/images/Fisheries_Enforcement_Manual.pdf)

## CRFM States make formal submission on International IUU Case No. 21

*“This is a very important international case which should not only contribute to the development of international and domestic law in an area that is important for effective conservation and management of fisheries, but also clarify the law in respect of the responsibility and liability of States and international organisations for IUU fishing.”*

-- CRFM Executive Director, Milton Haughton

### What is Case No. 21?

The International Tribunal on the Law of the Sea (ITLOS), based in Hamburg, Germany was asked to render an advisory opinion on a certain question regarding IUU fishing. Case No. 21, lodged in March 2013 by the Sub-regional Fisheries Commission (SRFC) (Africa), investigates issues such as the obligations of the flag State in cases where IUU fishing is perpetrated within the Exclusive Economic Zone (EEZ) of third party States, and the extent of the flag State's responsibility and liability. The SRFC is located in Dakar, Senegal, and comprises seven Member States: Cape Verde, The Gambia, Guinea, Guinea-Bissau, Mauritania, Senegal and Sierra Leone.



The delegation of the Sub-Regional Fisheries Commission  
(Photo: ITLOS)

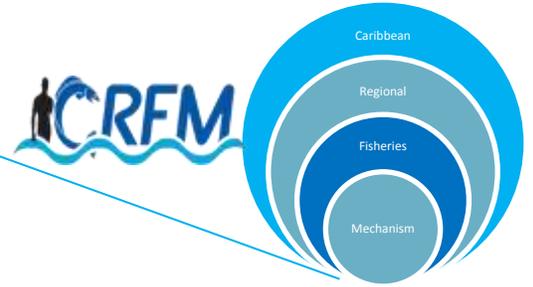
### The CRFM's Statement

The Caribbean Regional Fisheries Mechanism submitted a 112-page statement plus annexes in November 2013, following a request by the Tribunal. The CRFM Ministerial Council said that this provides the region with an opportunity to influence international jurisprudence on the question of IUU fishing. CRFM Executive Director Milton Haughton explained that Case No. 21 should not only contribute to the development of international and domestic law in an area that is important for effective conservation and management of fisheries, but also clarify the law in respect of the responsibility and liability of States and international organisations for IUU fishing.

The full Statement plus annexes may be accessed from the CRFM website at [www.crfm.int](http://www.crfm.int). On the main menu, navigate to “Documents” and then “ITLOS Case 21 Statement”.

In October 2013, the 4<sup>th</sup> Special Meeting of the CRFM Ministerial Council in Guyana discussed the request from ITLOS for the CRFM to submit a statement on Case No. 21 and noted that this provides the region with an opportunity to influence international jurisprudence on the question of IUU fishing.

The CRFM statement said that an important right of the coastal state relates to the right to prevent IUU fishing of its resources. That includes the right to legislate and enforce its laws, to ensure sustainable



development and management of fish stocks, and to take all necessary steps to prevent, deter, eliminate, and punish IUU fishing in the coastal state's jurisdiction.

“As a matter of general principle, it is the CRFM's view that there should be no lacunae in the obligations and liability of states for IUU fishing activities conducted by entities within their jurisdiction and control...” the CRFM statement said.



Prof. Pieter Bekker

Legal Counsel for the CRFM, Harvard University graduate, Professor Pieter Bekker, Chair of International Law, Dundee University, UK; former Professor of Law at Columbia University; former Staff Lawyer at the International Court of Justice (ICJ); and former partner in the international law firm, Steptoe & Johnson LLP – one of the largest law firms in the USA, assisted the CRFM in preparing the brief and will represent the organisation before the tribunal when oral argument commences in September 2014.

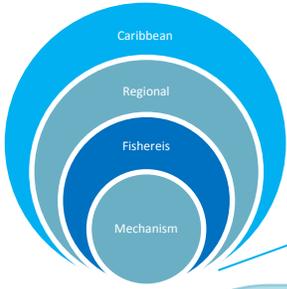
Twenty-nine (29) participants, comprising twenty-one (21) States and eight (8) Inter-governmental organisations (IGOs), have submitted written statements to the Tribunal. The States Parties to the UN Convention on the Law of the Sea (UNCLOS) which submitted statements are Saudi Arabia, Germany, New Zealand, China, Somalia, Ireland, Federated States of Micronesia, Australia, Japan, Portugal, Chile, Argentina, United Kingdom, Thailand, The Netherlands, European Union, Cuba, France, Kingdom of Spain, Montenegro, Switzerland and Sri Lanka. In addition, the USA, although not a party to UNCLOS, and therefore not entitled to participate in the proceedings, also submitted a written statement.

IGOs that submitted statements are the Forum Fisheries Agency, the International Union for Conservation of Nature (IUCN), the CRFM, United Nations, Sub-Regional Fisheries Commission, FAO, and OSPESCA. In addition, one NGO, World Wildlife Fund (WWF), submitted a written statement which is not a part of the Case file but was posted on the Tribunal's website for information.

This level of participation makes Case 21 the biggest advisory proceeding in the history of international courts and tribunals, eclipsing the case concerning the Legality of the Threat of Use of Nuclear Weapons before the International Court of Justice (1994-1996) in which there were 28 participants. Through its participation in the case, the CRFM is very much a part of history in the making.



The courtroom (Photo: ITLOS)



## Drones tested for fisheries enforcement in Belize

**Belize**—one of the CRFM States that benefitted from the ACP Fish II Programme to upgrade and expand the OECS enforcement and prosecution manuals—has launched into cutting-edge surveillance technology with the introduction of unmanned aerial vehicles called conservation drones.

Hampton Gamboa, Supervisor of the Conservation Compliance Unit of the Belize Fisheries Department, deems the enforcement initiative to be a timely one.

"I believe that the drone itself will assist us in doing a lot of what is required within the enforcement manual and definitely, again, it will offset a lot of the expense from an administrative point of view and also the manual itself is one that will have us to be more vigilant—it will assist us in being more vigilant—it will assist us in having much more presence, in terms of once we strategise the different areas—problematic areas—and we execute in terms of how the manual has been put together, it will definitely help us in curbing a lot of the illegal activity," Gamboa said.

He added that, "...once we incorporate both the manuals and the drones together, we believe that within the next two years, three years, we'll see some tremendous growth in terms of enforcement as well as holding people accountable—especially those who refuse to accept [when] the seasons are closed and are out doing illegal activities."

Another CRFM Member State is planning to introduce drones for fisheries surveillance. Reports out of Jamaica earlier this year indicate that during the 2014 budget debate, Minister of Agriculture & Fisheries Roger Clarke announced that the Government of Jamaica would acquire two drones to improve maritime surveillance, and monitoring and bolstering safety at sea.

# SUSTAINABLE USE OF PELAGIC FISHERIES

## Enhancing Fishing Technology: FADs

*"Pelagic species such as, yellowfin tuna, wahoo, blackfin tuna, marlin, and dolphinfish--which are the ones targeted by the use of fish aggregating devices--are very important to Caribbean countries because of their contribution to food and nutrition security and livelihoods in coastal communities."*

*-- CRFM Executive Director, Milton Haughton*

At the CRFM/ WECAFC-IFREMER-MAGDELESA / CARIFICO Workshop on FAD Fishery Management held in St. Vincent and the Grenadines from 9 – 11 December 2013, Member States considered developments in management and science on the expanding role of Fish Aggregating Devices (FADs) in the Caribbean to improve landings of pelagic species while strengthening conservation and management of the resources.



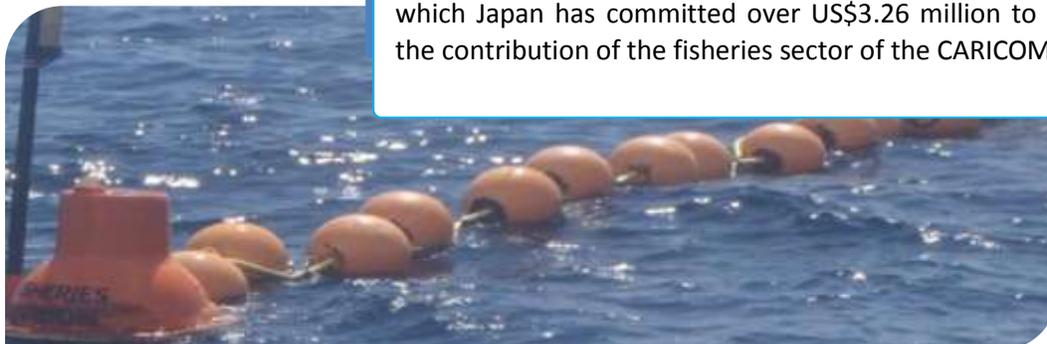
FAD deployment in Grenada

FADs have provided a range of benefits to the region. They serve to:

- ◆ bolster earnings
- ◆ increasing catch
- ◆ increase employment opportunities
- ◆ improve management and conservation of ocean pelagic species

The Caribbean Fisheries Co-management (CARIFICO) Project was designed to develop a fishery co-management approach suitable for each target country. CARIFICO is currently working towards enhancing the partnership among fishers and governments through FADs co-management in six countries within the Eastern Caribbean, to promote the sustainable use of fisheries and aquaculture resources by development, management and conservation of these resources, in collaboration with stakeholders.

### Close-up photo of FAD buoys.



The CARIFICO initiative emanates from the CRFM's cooperation with the Japan International Cooperation Agency (JICA), under which Japan has committed over US\$3.26 million to improving the contribution of the fisheries sector of the CARICOM States.

**Timeline**

**August 2011:** The CRFM submitted the application for the CARIFICO project to the Government of Japan.  
**2011-2012:** The MAGDELESA project successfully deployed FADs in Dominica, Grenada, St. Kitts and St. Vincent  
**March 2013:** The CRFM and JICA jointly organized the FAD Fishery Management Workshop to discuss best practices  
**May 2013:** Field implementation of the 5-year CARIFICO project commences  
**December 2013:** CRFM-JICA CARIFICO / WECAFC-IFREMER MAGDELESA Workshop on FAD Fishery



Thirteen CRFM Member States participated in the CRFM - JICA CARIFICO/WECAFC - IFREMER MAGDELESA Workshop on FAD Fishery Management, held from 9 – 11 December 2013 in St. Vincent and the Grenadines. Workshop participants reviewed and shared research results and best practices in the construction, use and management of FADs as tools for the sustainable development, management and conservation of large pelagic resources in the Caribbean. They also discussed future work plans and action plans for countries implementing field activities under the CARIFICO Project.

At the FAD management workshop, the findings and recommendations from the EU-funded **M**oored fish **A**ggregating **D**evice in the **L**ESser Antilles(MAGDELESA) project were also discussed.

*About one-fourth of Tobago’s 400 fishers use FAD during the drift/flying fish season which runs from October to June of following year.*

*The average catch is made up of 250-400 lbs of mahi mahi and about 1,000 pounds of flying fish: 1000 lbs*



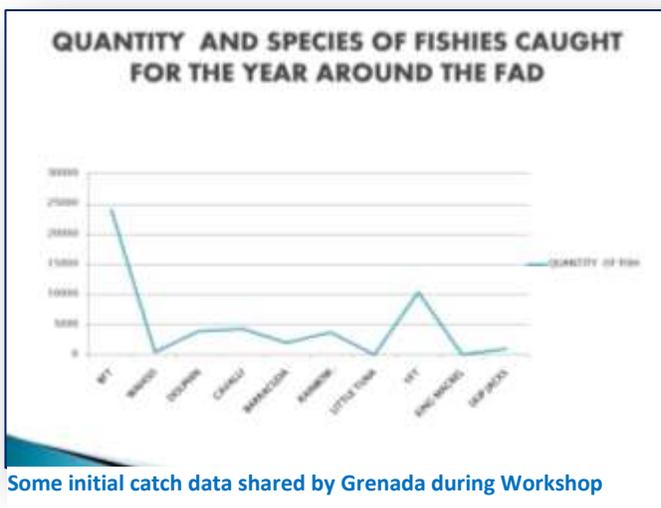
**FAD in Tobago: Mahi mahi (top) and flyingfish (bottom)**  
 Source: Trinidad and Tobago Country Report

A set of recommendations were made at the December 2013 workshop. These recommendations were considered by the 15<sup>th</sup> Session of the Western Central Atlantic Fishery Commission and by the CRFM’s deliberative organs subsequently:

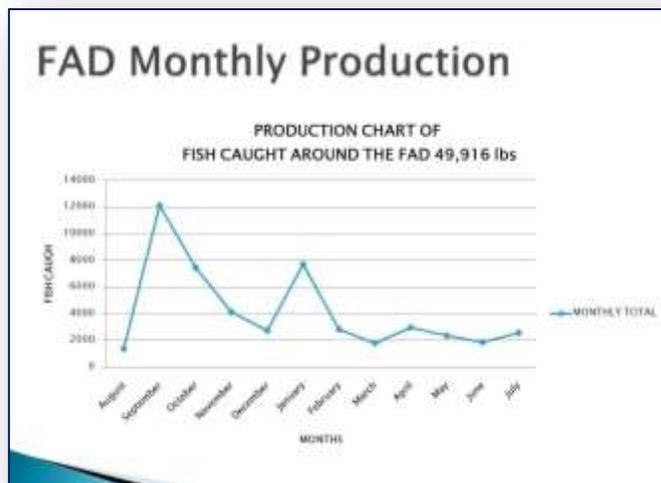
1. That members of WECAFC prepare national level FADs fishery management plans and put in place appropriate legislation in support of a sustainable FADs fishery.
2. That the IFREMER/WECAFC Working Group on Development of Sustainable Moored FAD Fishing in the Lesser Antilles be transformed into a joint Working Group on FADs with participation of JICA, The Institut Français de Recherche Pour l'exploitation de la Mer (IFREMER, English: French Research Institute for Exploitation of the Sea), CRFM and WECAFC.
3. That members of WECAFC apply a standard terminology (as determined by the Working Group on FADs) for the different varieties of FADs fishery and report in an agreed format on their total landings, catch and effort data of FADs fishery in FAO Area 31 to the JICA/IFREMER/CRFM/WECAFC Working Group on FADs in support of ongoing research, decision-making and management processes at national and regional level.
4. Members of WECAFC in line with similar recommendations from The International Commission for the Conservation of Atlantic Tunas (ICCAT), The Inter-American Tropical Tuna Commission (IATTC) and other Regional Fisheries Bodies (RFBs) aim to:

<b>FAD Landings August 2013 – November 2013</b>	
<b>SPECIES</b>	<b>WEIGHT (LBS)</b>
Yellowfin tuna	2,358
Skipjack tuna	1,279
Blue marlin	2,523
Kingfish (wahoo)	634
Rainbow runners	123
Dolphinfish	1,286
Blackfin tuna	2,103
Bonito	368
Cavali	503
<b>TOTAL</b>	<b>15,177</b>

Some initial FAD landings data shared by St. Vincent and the Grenadines during Workshop.



Some initial catch data shared by Grenada during Workshop



Some initial FAD monthly production activity data shared by Grenada during Workshop.

- Prohibit the transshipment of tuna by purse-seine vessels fishing for tuna and billfish in the WECAFC area.
  - Reduce the by-catch of sharks and sea turtles in FADs Fishery, and implement FAO's *Guidelines to Reduce Sea Turtle Mortality in Fishing Operations*, with respect to ICCAT fisheries and their annual reports.
  - Collect and analyze biological, ecological, social and economic data and information to inform decision-making processes on FAD Fishery.
5. WECAFC, CRFM, and as appropriate OSPESCA, support the regional harmonization of national FAD fishery management plans and related legislation, in accordance with the best available scientific evidence and consistent with international best practices, and present the progress made to the respective regular sessions of these RFBs.
  6. Members communicate to the Working Group on FADs the measures taken to adhere to the above paragraphs.
  7. The Working Group on FADs support the Members, in the establishment of stakeholder- and public outreach and communication campaigns, including addressing the need to transfer research findings on FAD fisheries and communicate best-practices to the fishers and facilitate inputs from stakeholders.

## FUTURE ACTIONS (2014- 2015)

- The development of a “Manual for Good Practices” to include (but not restricted to) FAD construction and deployment, FAD preservation and quality, FAD harvesting practices, FAD fishery management.
- Training for extension officers.
- Internet site to upload all the documents, including manuals.
- Research and technical studies.



FAD Workshop participants, December 2013

## ACP Fish II concludes

*“In addition to improving plans and policies at the regional and national levels, the ACP Fish II Programme will also see results such as reinforcing the Region’s control and enforcement capabilities; reinforcing research strategies and initiatives as well as developing business supportive regulatory framework and increasing knowledge sharing at all levels in the sector.”*

-- Sandra Grant, Regional Programme Manager for the Caribbean, ACP Fish II



Photo: Bahamas Information Service

Over the span of four and a half years (June 2009 to November 2013), the ACP Fish II Programme provided technical assistance, training and facilitation of workshops and meetings to beneficiary countries in the region, and close to €3 million (or roughly US\$4.2 million) was allocated for 32 national and regional, fisheries and aquaculture projects in the Caribbean.

The programme, which was financed by the European Development Fund on behalf of ACP (African, Caribbean and Pacific) Group of countries, aimed to improve fisheries management in ACP countries to ensure sustainable exploitation of the fisheries resources under the jurisdiction of member countries.

Wrap-up meetings held in October 2013 in The Bahamas provided an opportunity for the region to discuss future initiatives to build upon the successes of the programme. Those meetings were the Fourth and Final ACP Fish II Programme Regional Monitoring Workshop, the 6<sup>th</sup> Steering Committee meeting and a Round Table, which focused on propelling the region into future action.

At the Roundtable event, Programme officials met with the permanent members of the Steering Committee and local stakeholders and discussed the current situation facing fisheries in the ACP region and how the ACP Secretariat could continue to support countries and regions in addressing priority areas.

**Project: *Strengthening fisheries management in ACP Member States***

*Components:*

- (1) Improving fisheries policies and management plans at regional and national levels;*
- (2) Reinforcing control and enforcement capabilities;*
- (3) Reinforcing national and regional research strategies and initiatives;*
- (4) Developing business supportive regulatory frameworks and private sector investments; and*
- (5) Increasing knowledge sharing on fisheries management and trade at the regional level.*

**Total budget = €30 million**

High-level officials attending the concluding event were Nisa Surujbally of the Caribbean Community (CARICOM) Secretariat; Milton Haughton of the CRFM Secretariat; Gustavo Miranda - ACP Fish II Programme Coordinator; Michel Batty of the Pacific Islands Forum Fisheries Agency (FFA); Vivian Iwar of The Economic Community Of West African States / Communauté économique des États de l'Afrique de l'Ouest (ECOWAS/CEDEAO in French); Maria Louisa Ferreira of Union Économique et Monétaire Ouest-Africaine (UEMOA); Hélène Massan Fiagan and Achilles Bassilekin of the ACP Secretariat; and Aurélien Mofouma of the Communauté Economique des Etats de l'Afrique Centrale (CEEAC).

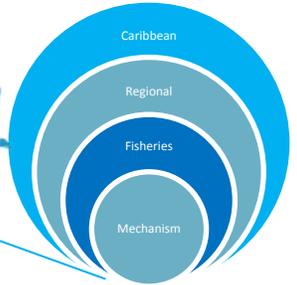


Url to project outputs

<http://tinyurl.com/ACP-Outputs>



*Photos: Bahamas Information Service*



# Positioning and Engaging Fisherfolk

*“The development of national and regional fisher-folk organizations and their networking would be the ideal way forward to having small-scale fishers take part in the development and implementation of the CCCFP and its protocols, bearing in mind their invaluable traditional knowledge and practices and the fact that they are the backbone of the Caribbean Fishery.”*

## Strengthening advocacy

With support provided by CTA, a series of Policy Briefs and Issues Papers were produced by the CRFM and the Caribbean Network of Fisherfolk Organisation (CNFO) - a non-profit regional network operating in the CARICOM countries whose mission is to “improve the quality of life for fisherfolk and develop a sustainable and profitable fishing industry through networking, advocacy, representation and capacity building.”

These documents addressed the need to get fisherfolk onboard in the fight against IUU fishing, the need for the continued engagement of fisherfolk in the implementation of the Caribbean Community Common Fisheries Policy, in a manner that will not only protect but also enhance their livelihoods, as well as the role of fisheries in ensuring good nutrition of Caribbean people and food security across the region.

### Policy Briefs

1. Policy Brief No. 1, October 2013: *Castries Declaration on IUU Fishing: Getting Fisherfolk on Board;*
2. Policy Brief No. 2, October 2013: *Implementing CARICOM’S Common Fisheries Policy: Increasing Countries’ Economic and Social Benefits;*
3. Policy Brief No. 3, October 2013: *The Role of Fish and Seafood in Food and Nutrition Security in the Caribbean.*

### Issues Papers

1. Issues Paper No. 1, October 2013: *Adoption and Implementation of the Agreement Establishing the Caribbean Community Common Fisheries Policy;*
2. Issues Paper No. 2, October 2013: *Policy Development and Implementation of the Ecosystems Approach to Fisheries, Climate Change Adaptation, and Disaster Risk Management in Small-Scale Fisheries in Caribbean;*
3. Issues Paper No. 3, November 2013: *Illegal, Unreported and Unregulated Fishing: The Caribbean Context.*





*"A participatory type approach, where fisherfolk can be empowered to share management responsibility and authority required to address IUU and other fisheries management issues, is necessary."*

In July 2013, the Caribbean Network of Fisherfolk Organizations (CNFO) Advocacy Strategy and Plan on Fisherfolk's Positions on Critical Issues concerning the Implementation of Regional Fisheries Policies in the Caribbean was finalized.



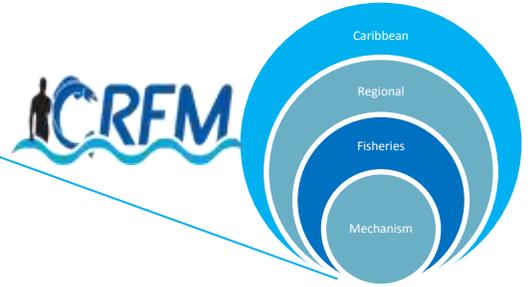
The Advocacy Strategy and Plan describes regional guidelines for work which includes capacity building and institutional strengthening in the area of policy advocacy and communication based on assessment and evaluation of the National Fisherfolk Organisations (NFOs) at a forum on the "Implementing the Caribbean Community Common Fisheries Policy: positioning and engaging fisherfolk organizations."



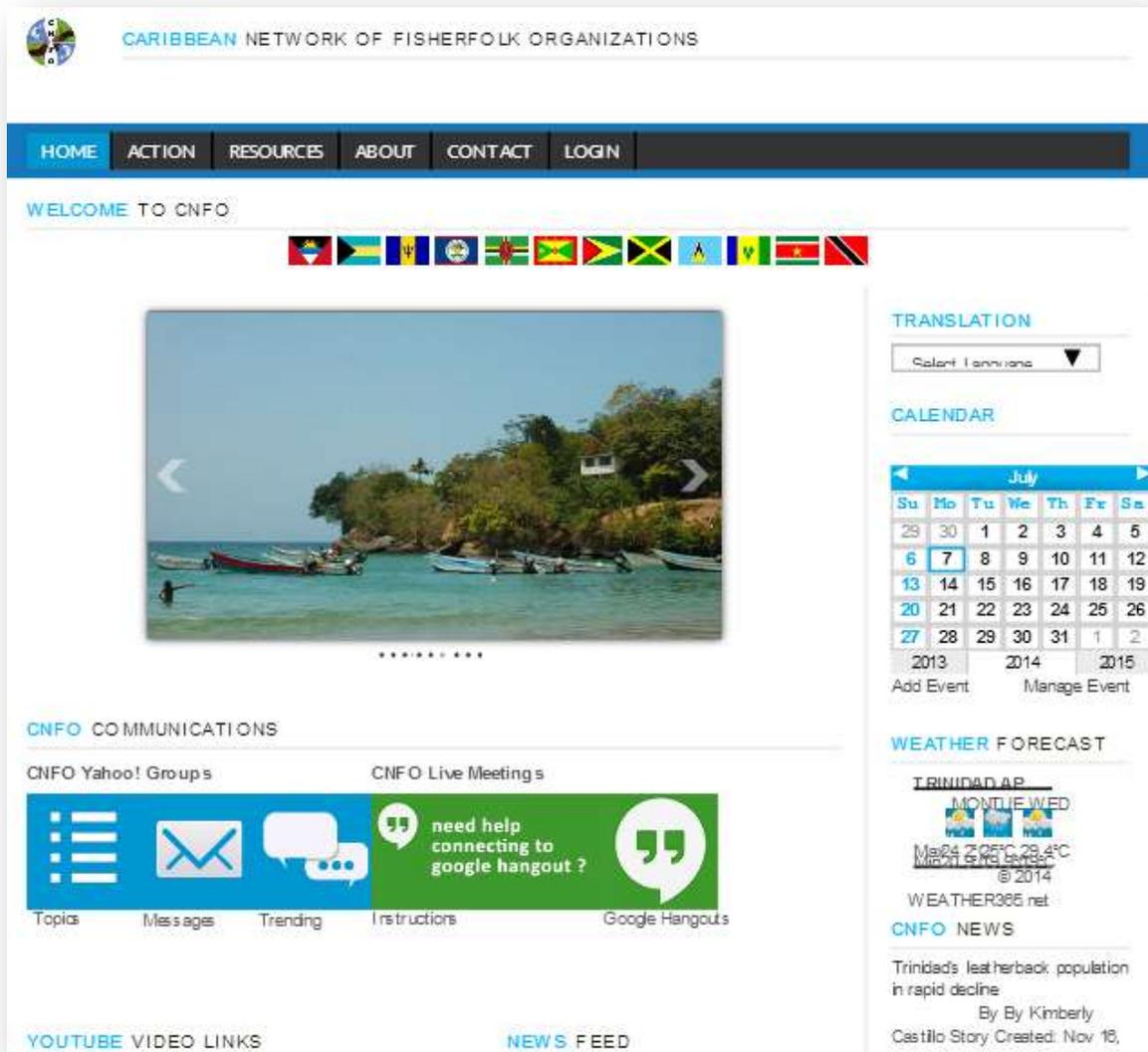
The three-part document, which details guidelines for capacity building and institutional strengthening initiatives to advance policy advocacy and community, features (1) the CNFO's development, the rationale behind the advocacy strategy and plan, and the main steps of the development of policy advocacy work within the CNFO from 2004 to 2012; (2) an assessment of the CNFO's strengths and weaknesses, opportunities and threats (SWOT analysis); and (3) the proposed interventions and activities along with the detailed implementation plan.



Document Url:  
[http://crfm.int/images/CNFO\\_Advocacy\\_Strategy\\_and\\_Plan\\_2013\\_FINAL.pdf](http://crfm.int/images/CNFO_Advocacy_Strategy_and_Plan_2013_FINAL.pdf)



In order to improve the efficacy with which the CNFO will now deliver on its new Advocacy Strategy and Plan, a new website was developed for the CFNO. The website is located at [cirp.org.tt/cnfo](http://cirp.org.tt/cnfo). The CRFM-led project was undertaken by The Caribbean ICT Research Programme, Department of Electrical and Computer Engineering at The University of the West Indies under contract to the CRFM.



 <http://cirp.org.tt/cnfo/index.php/en/>

## Caribbean Week of Agriculture



**Michael Hailu, Director of Technical Centre for Agricultural and Rural Co-operation (CTA) (left), and Milton Haughton, Executive Director of the CRFM**

Caribbean Week of Agriculture (CWA) was held 4 - 12 October 2013 in Georgetown, Guyana, under the theme, 'Linking the Caribbean for Regional Food and Nutritional Security and Rural Development'. On that occasion, the CRFM showcased its work and promoted fish meals as a powerhouse of vital protein and micro-nutrients which contribute to good health and vitality. The highly popular booth attracted many visitors who provided encouraging feedback on the value of the industry and the importance of the CRFM's work in helping to ensure food security in the Caribbean.

The CRFM / CNFO / CTA Workshop on Regional Fisheries Policies was held 7 – 8 October 2013 in Guyana, during the CWA 2013. The workshop was convened to formulate a statement on items such as the Control and Mitigation of the Lionfish and the role of fisheries in Regional Food and Nutrition Security. The recommendations were subsequently presented to Ministers at the 12<sup>th</sup> Meeting of the Alliance on Agriculture and the Rural Milieu, and the CRFM Ministerial Council also held during CWA 2013 in Guyana.

During Caribbean Week of Agriculture 2013, Milton Haughton, Executive Director of the CRFM and Michael Hailu, Director of Technical Centre for Agricultural and Rural Co-operation (CTA), inked a new Memorandum of Understanding aimed at strengthening the already existing partnership between the two organizations which have collaborated on several initiatives to improve fisheries management and development in CARICOM and CARIFORUM Member States.

*In the Statement to The Alliance the participants called for regional support to processes at national and regional levels for adoption of all the policies reviewed, and urged the Ministers present to facilitate the implementation of the CCRF and the CCCFP.*

*The Statement also recommended that consideration is given to the necessary policy and institutional support for adoption and incorporation of the FAO Voluntary Guidelines on Small-Scale Fisheries and the rights based approach in the FAO Tenure Guidelines into the CCCFP. Tangible evidence of intention to provide this level of support to the CNFO would include provision of resources through the CRFM Secretariat for the continued engagement of the fisherfolk in the 2014 Negotiation in Rome to finalize the International Guidelines on Small- Scale Fisheries.*



Document url:

<http://crfm.int/images/documents/administrative/Report%20of%20the%20CRFM%20-%20CNFO%20-%20CTA%20Workshop%20on%20Regional%20Fisheries%20Policies.pdf>



The CRFM-CTA MoU covers several key initiatives:

- the development and implementation of policies and strategies in fisheries aquaculture and related sectors;
- the advancement of climate change adaptation and disaster risk management strategies;
- the development of strategies for mainstreaming precautionary and ecosystem approaches in fisheries and aquaculture management;
- the review, adoption and implementation of the International Guidelines in Securing Small-Scale Fisheries;
- the development of fisheries value chains, including intra-regional trading in fish and fish products;
- the combating of illegal, unreported and unregulated (IUU) fishing;
- the maximization of potential of ICTs for information and knowledge management; and
- the improved adoption and use of research findings.

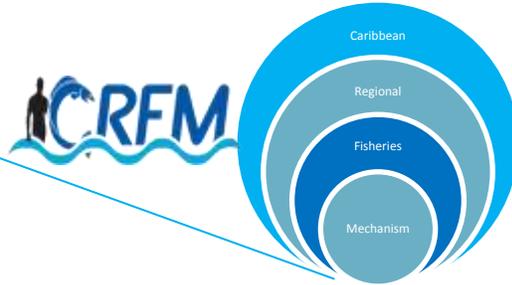


In January 2014, the CRFM presented the Belize Fishermen Cooperative Association (BFCA) with a Sony laptop computer and accessories, as well as important fisheries publications, as one of the final outputs of a project jointly executed by the CRFM and the Technical Centre for Agricultural and Rural Cooperation (CTA), under the project, *Implementing the Caribbean Community Common Fisheries Policy: Positioning and Engaging Fisherfolk Organisations*.



Pedro Alvarez, BFCA chairman, received the donation on behalf of the association. Alvarez said that the donation will be very valuable to the organisation and to the fisherfolk of Belize, especially as they prepare to embark on local training programmes.

The CRFM also presented the BCFA with a series of policy and information documents produced by the CRFM. Among them was documentation on the Caribbean Community Common Fisheries Policy, which is pending adoption by CARICOM Heads of Government.



## Enhancing Market Access – EPA SPS Project

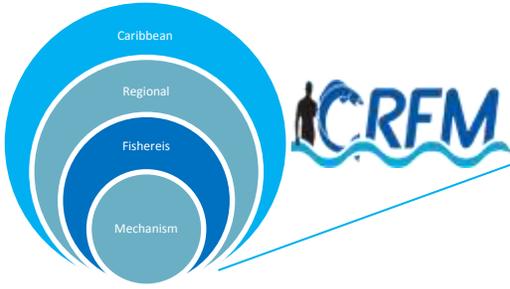
CARIFORUM countries have been working to enhance their competitiveness while maintaining and/or increasing market access by complying with The European Union's Sanitary and Phytosanitary (SPS) measures. The countries have received financial support for this effort through the 10<sup>th</sup> EDF (European Development Fund), which constitutes the financial framework for the period 2008-2013 and provides concrete support to the CARIFORUM States. The €11.7M programme is titled "Support to the Forum of Caribbean States in the implementation of the commitments undertaken under the Economic Partnership Agreement (EPA)", and will get underway in the next Programme Year (2014-2015). The project's aim is "to increase production and trade in agriculture and fisheries which meet international standards while protecting plant, animal and human health, and the environment."

Three main areas for action have been identified:

- ◆ Enhance CARIFORUM Agricultural Health and Food Safety (AHFS) efforts and strengthen enforcement of protocols, standards, measures and guidelines for increased production and marketing in agriculture and fisheries;
- ◆ Support implementation of the SPS measures in the CARIFORUM member states.
- ◆ Support and enhance the institutional capacity of national and/or regional regulatory bodies and industry in the agriculture sector, including the fisheries subsector, to meet the SPS requirements of international trade.

## A new Flying Fish Management Plan

The CRFM was assisted by WECAFC, the Caribbean Large Marine Ecosystem (CLME) Project and CERMES-UWI with the preparation of a Sub-Regional Fishery Management Plan for the Eastern Caribbean Flying Fish Fishery. The management plan is essential for Barbados, Trinidad and Tobago, Grenada, St. Vincent, St. Lucia and Dominica – the 6 CRFM Member States which along with the French Department of Martinique, depend on the marine resource. It is expected that the plan will be implemented during the new Programme Year (2014-2015). The new Sub-Regional Fishery Management Plan for the Eastern Caribbean Flying Fish Fishery is an update on earlier drafts and makes use of new findings which have emerged out of the CRFM's work on case studies funded by CLME.



## Queen Conch Initiatives

The Queen Conch Petition submitted in 2012 by WildEarth Guardians for listing of the species as threatened under the US Endangered Species Act remains under consideration, and CRFM Executive Director Milton Haughton appeared before the US-CARICOM Council on Trade and Investment in Washington, DC, in November 2013 to present the position of CRFM Member States on the petition. Haughton said that the CRFM States oppose the petition on the ground that "the petitioner's information is unreliable and obsolete."

The WildEarth Guardians petition claims that Queen Conch is threatened with extinction due to habitat degradation as well as overutilization resulting from commercial harvest, inadequacy of existing regulatory mechanisms, and other natural and manmade factors such as biological vulnerability, human population growth, and other synergistic effects. However, Haughton told the US-CARICOM Council on Trade and Investment, that "the petitioner made no effort to obtain current, readily available information regarding the conservation status and management systems for the Queen Conch fisheries in the 17 CARICOM / CRFM Member States before submitting its petition."

Haughton said that concerns about the health and long-term survival of Queen Conch and accompanying evidence of population declines in some countries led to the inclusion of Queen Conch on Appendix II of the Convention in International Trade in Endangered Species of Fauna and Flora (CITES) in 1992, but the Appendix II listing is used for species that are not necessarily threatened with extinction, but may become so unless international trade in the species is regulated, he explained.

Over the years, CRFM has been actively promoting improved approaches to queen conch management. Most recently, in May 2013, CRFM States came together to evaluate their scientific approaches to queen conch management, and agreed on options for harmonizing these approaches to achieve more coordinated regional-scale management impacts. Also, in August 2013, resource managers and fishers from 13 CRFM Member States met in St. Vincent and the Grenadines for a Training of Trainers Workshop on underwater visual census techniques for the queen conch or lambi (*Strombus gigas*). During phase 1 of the training, key experts conducted classroom training activities in Kingstown, St. Vincent, by presenting information to the group on the biology and management of conch, as well as survey techniques related to data collection, data analyses. Phase 2 of the training entailed 9 days of field activities in the Grenadines. Participants estimated conch abundance using underwater visual census techniques using scuba divers, and by using towed underwater cameras. The field experiences and actual data gathered were used to formulate specific management recommendations on survey usage during the final phase of the workshop. Participants also formulated conch assessment plans for the countries which they represented at the workshop.

## Coral Reef Action Plan

The Regional Plan of Action, captioned *Improving the Outlook for Caribbean Coral Reefs: A Regional Plan of Action 2014 –2019*, was completed in November 2013 in collaboration with the Caribbean Community Climate Change Centre (CCCC). Led by CCCCC, the Plan of Action was developed through a

***The Regional Coral Reef Action Plan is "a roadmap for navigating the challenges of sustainably managing coral reefs to protect biological diversity while sustaining provision of goods and services that these ecosystems provide to the people of the Caribbean."***



Photo taken from the Action Plan

series of workshops and consultations with coral reef managers and scientific experts including officials from CARICOM Member States. In the context of coral reefs, the plan elaborates proposed actions needed to achieve the strategies and goals outlined within the CARICOM Regional Framework for Achieving Development Resilient to Climate Change and sets the stage for climate action within the Caribbean region and its associated implementation plan. It is agreed that the CRFM is “the legally instituted regional organisation... to oversee the implementation of the plan, and to monitor and evaluate its performance.” Thus, the CRFM Secretariat will coordinate implementation of the Coral Reef Plan of Action in collaboration with the Caribbean Community Climate Change Centre, while CCCCC will assist with mobilisation of the resources required to assist with its implementation.

The Action Plan is aligned with the Strategic Action Programme for the Sustainable Management of the Shared Living Marine Resources of the Caribbean Large Marine Ecosystems and Adjacent Regions (CLME+SAP).

## Increasing use of ICT in Fisheries

The CRFM developed an ICT Strategy in 2013 under the EU-funded ACP Fish II Programme. Within the context of the Strategy, a specific Information Communication Technology (ICT) Communication Strategy and Action Plan was developed. The aim of this Strategy and Action Plan is to enable the CRFM to take full advantage of existing ICTs to maximize the outreach, impact and efficiency of all the CRFM’s strategic plans and programmes. The Strategy strongly advocated the use of ICT tools to strengthen communication and knowledge sharing within the CRFM. The strategy resulted in the introduction of ICT tools and the upgrading of the CRFM website. These ICT tools are considered important for communication, social networking, sharing of information and collaboration purposes in order to improve productivity, competitiveness and effective implementation of the CRFM’s programmes. The Technical Centre for Agriculture and Rural Cooperation (CTA) has been helping the CRFM to follow up on the ICT strategy.

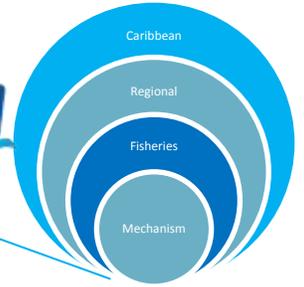
Since the implementation of its new ICT Strategy, the CRFM Secretariat and the Member States have made use of the new web tools such as GoToMeeting and Dgroups, to improve networking for executive committee, Forum scientific working group meetings and other regional workshops.

During the Programme Year, the CRFM has been able to participate electronically in meetings held within and outside the region, such as the CARICOM-JAPAN Consultation, and FAO personnel have been able to deliver presentations from places such as Rome and South Africa and the UK, using teleconferencing facilities.



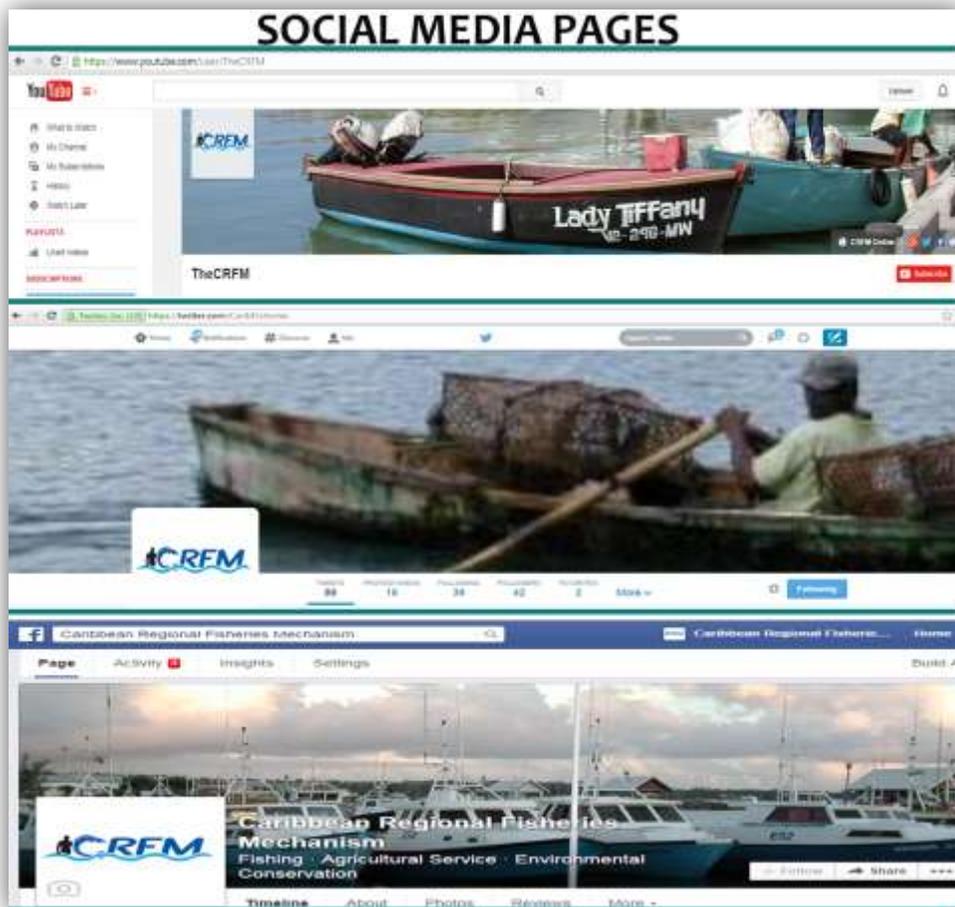
More recently, about 100 fishermen and processing plant operators networked and they heard a number of regional presentations from CRFM States such as Belize, St. Vincent and the Grenadines and Dominica. They have since increased their use of these web tools, which expand the communications network while delivering tangible cost savings.

The CTA has been helping the CRFM to follow up on the ICT Strategy and improve knowledge sharing and management in the Caribbean. In July 2013, the CRFM and CTA signed an agreement for a regional project entitled, “Development of Caribbean Fisheries Knowledge Platform.” The objective of this



project is to contribute to the development of knowledge exchange capacities of participating discussants of fisherfolk organisations, the CRFM and other stakeholders, at the regional, national and community institutional levels. The value of the agreement is Euro 84,817 (USD112,480).

The project concludes in the next Programme Year, with the expected major results being : (i) improved capacity of the CRFM Secretariat to host debates and discussion online using existing platform; (ii) targeted and more effective use of ICT tools, including emails and web exchange systems to discuss aquaculture and fisheries research and development issues; (iii) compilation of key information on fisheries issues will be available online through a structured system; (iv) an integrated platform for knowledge exchange; and (v) increased use of social media by CRFM and other organisations to support their communities.



## Human Resource and Capacity Development

The professional development of fisheries and aquaculture professionals across Member States is one of the CRFM's prime activities. During the Programme Year, the CRFM initiated a Training Needs Assessment Survey in order to more accurately determine what training gaps need to be filled not only for fisheries officials but also for stakeholders across the region, including fisherfolk and organisations which serve the fisheries sector. The information gathered will help the CRFM strengthen this vital dimension of its capacity building efforts. The CRFM also advanced its collaborative partnerships with international institutions to provide relevant training to fisheries and aquaculture officials from various countries in the region.

Towards this end, a one-week Advanced Leadership Training Workshop was held for Heads of Fisheries Department/Divisions in CARICOM States from 8 - 12 April 2013 at the Palm Haven Hotel, Castries, St. Lucia. This capacity building workshop will in the near term enhance the contribution of fisheries to the social and economic development of the countries and achieve better quality of life and standard of living for fisherfolk and coastal communities through sustainable development, management and conservation of the fisheries resource systems. The training was held through collaboration between the CRFM Secretariat and the United Nations University Fisheries Training Programme (UNU-FTP), along with support from the University of Akuyreri, Iceland (UA) and the University of Belize (UB), and financed through a grant awarded to the CRFM by the Government of Iceland through the UNU-FTP.

In April, the UNU-FTP completed a 10-day long study tour in Iceland targeting high-level partners, who were offered the tour in order to obtain first-hand experience of a well managed, modern, market oriented and internationally competitive fisheries in the world. Participants were able to visit and observe different communities and fishing establishments in Iceland, including their sanitary and phyto-sanitary systems and processing industry, as well the extent to which landings are transformed and utilized to eliminate waste and discards and add value to the product. They also observed how research is used to inform policy decisions, as well as to explore development potential and collaboration for capacity building in fisheries. Chief Fisheries Officers from Guyana and Grenada participated in the Study tour of Iceland's fisheries sector. Other participants were drawn from countries such as Vietnam, Kenya, Namibia, and Nigeria.

### – Collaborators

- 0 The International Ocean Institute (IOI)/Dalhousie University, Canada
- 0 The United Nations University - Fisheries Training Program (UNU-FTP), Iceland
- 0 The University of Florida (UF) – Sea Grants Program, USA
- 0 The ANCORS, University of Wollongong, New South Wales, Australia



## CRFM/UNU-FTP: Six-month Fellowship Programme

The CRFM has established a long-term relationship with the United Nations University – Fisheries Training Programme (UNU – FTP), Iceland. The UNU has agreed to offer up to three (3) training fellowships annually, valued at US\$45,000 - US\$50,000 each, to qualified fisheries personnel from the CRFM Member States to pursue post-graduate training. For the academic year September 2013 to March 2014, there were two awardees: (i) Lucine Edwards, Fisheries Officer, St. Vincent and the Grenadines, and (ii) Ta'Chala Beecher, Fisheries Officer, Jamaica. Beecher declined the offer, but Edwards successfully completed her training with a special focus on Fisheries Policy and Planning.

## Short Courses

### CRFM / IOI Dalhousie University

Fisheries Officers from CRFM Member States continued to benefit from training opportunities and fellowships for studies in Canada made available under the CRFM – International Ocean Institute (IOI) Agreement of 2004. The successful scholars in the Programme Year 2013-2014 were Kimberlee Cooke-Panton of Jamaica and Alexis Persaud of Suriname. The training covered Policy, Law and Management.

### CRFM/University of Florida

Under the University of Florida / Sea Grant /GCFI for Fisheries programme, training was provided for fisheries personnel over the past 2 years. Randel Thompson of St. Kitts and Nevis and Anginette Murray of Jamaica benefitted from the Sea Grant training at the UF.

### Other training sessions:

ACP Fish II Underwater Visual Survey Training Workshop held in St. Vincent & the Grenadines from 9-21 August 2013.



<http://www.crfm.int/~uwohxjxf/images/documents/ACP%20Fish%20II%20TRAINING%20IN%20UNDERWATER%20VISUAL%20SURVEY.pdf>



### *Second Advanced Leadership Training Workshop*

As noted earlier, the CRFM Secretariat teamed up with the United Nations University – Fisheries Training Programme (UNU-FTP), the University of Akureyri, Iceland (UA), the University of Belize (UB), and the University of the West Indies, Cave Hill Campus (UWI) to design and implement a specialized leadership training course for fisheries managers in the region. The first such training was held in April 2010 with grant funding which the CRFM received from the Government of Iceland under its Island Growth Initiative Fund. The Second Advance Leadership Training for Fisheries Managers was held in St. Lucia in April 2013. Forty (40) Senior Fisheries Administrators received training.

### *Training in Fisheries Law and Management (CRFM-ANCORS)*

In September 2012, 14 fisheries professionals from CRFM Member States, namely Belize, Dominica, Grenada, Haiti, Suriname, St. Kitts and Nevis, St. Lucia and St. Vincent and the Grenadines, took part in the first ever Fisheries Law and Management Training Workshop offered at the University of Wollongong in Australia under the CRFM-ANCORS collaboration. Arrangements were put in place during the Programme Year for the second 5-week training course in fisheries law and management for up to 20 regional fisheries officers will be held in September and October 2014. The proposal has already been approved by Australia to the tune of \$700,000. The second training workshop was initially slated for October 2013, but had to be pushed back to September/October 2014 due to the political transition which resulted from general elections and a change in government in Australia.

### **Professor Warwick Gullet of ANCORS visits CRFM and Member States**



From 22 April to 1 May 2013, Professor Warwick Gullett, Dean of Law at the University of Wollongong, New South Wales, Australia, and Deputy Director of Australian National Centre for Ocean Resources and Security (ANCORS), visited the region, in line with the 5-year Memorandum of Understanding between the CRFM and ANCORS inked in September 2012.

Professor Gullett gave a series of public lectures on developments in fisheries, and ocean law and policy during his visit to Barbados, Jamaica and Belize.

Professor Gullett undertook consultations with the CRFM Secretariat and Member States, and met with representatives of the University of the West Indies in order to strengthen collaboration with key Caribbean regional institutions in fisheries and marine resource management.

### **Videos of his presentation can be seen on Vimeo:**



<http://vimeo.com/66405690>



<http://vimeo.com/67156009>

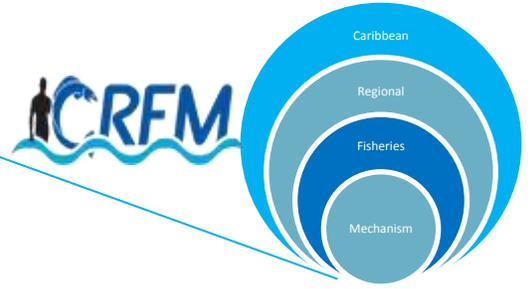


## Summary of Training Courses and Fellowships

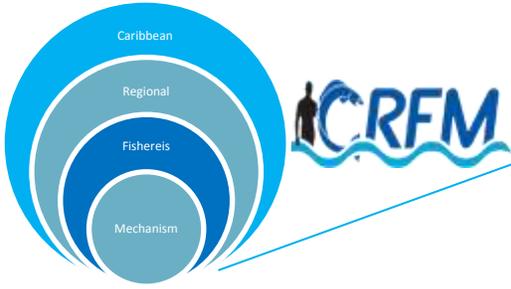
<b>UNIVERSITY FELLOWSHIPS</b>		
<b><i>CRFM / UF Sea Grant / GCFI Fellowship</i></b>		
St. Kitts and Nevis	Randel Thompson	Fisheries Officer
Jamaica	Anginette Murray	Marine Research / Analyst
<b><i>Fisheries Policy and Planning UNU-FTP, Iceland</i></b>		
<b>September 2013 –March 2014</b>		
Jamaica	TaChala Beecher (Declined offer)	Fisheries Officer
St. Vincent & the Grenadines	Lucine Edwards	Fisheries Officer, Fisheries Division
<b>Approved for September 2014 –March 2015</b>		
Jamaica	Kimberlee Cooke-Panton	Senior Fisheries Officer
St. Vincent & the Grenadines	Lucille D. Grant	Fisheries Officer
St. Vincent & the Grenadines	Cylena Andrews	Senior Fisheries Assistant
<b>SHORT COURSES</b>		
<b><i>Ocean Governance: Policy, Law and Management IOI Dalhousie University, Canada</i></b>		
<b>May - July 2013</b>		
Jamaica	Kimberlee Cooke-Panton	Senior Fisheries Officer
Suriname	Alexis Persaud	Aquaculture Assistant
<b>May - July 2014</b>		
Belize	Mauro Gongora	Fisheries Officer
St. Lucia	Yvonne Edwin	Fisheries Assistant IV
St. Vincent & the Grenadines	Reshevski Jack	Fisheries Officer
<b>WORKSHOPS</b>		
<b><i>Advance Leadership Training Workshop for Heads of Fisheries Depts/Divisions in CARICOM Rodney Bay, St. Lucia 8-12 April 2013</i></b>		
Anguilla	Kafi Gumbs	Deputy Director Department of Fisheries and Marine Resources
The Bahamas	Gilford V. Lloyd	Senior Fisheries Officer, Department of Marine Resources
Barbados	Phillip Jackman	Principal Fisheries Assistant, Fisheries Division



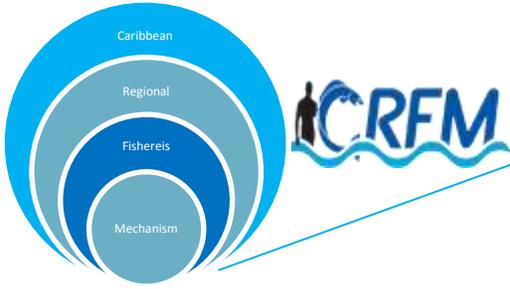
Belize	Mauro Gongora	Fisheries Officer, Fisheries Department
Dominica	Jullan Defoe	Fisheries Officer, Fisheries Division
Grenada	Crafton Isaac	Fisheries Officer II, Fisheries Division
Guyana	Denzil Roberts	Chief Fisheries Officer, Fisheries Department
Jamaica	Avery Galbraith-Smikle	Director, Aquaculture Branch, Fisheries Division
St. Kitts & Nevis	Marc Williams	Director of Marine Resources, Ministry of Agriculture and Marine Resources
St. Lucia	Leroy McGregor Ambroise	Aquaculturist
St. Lucia	Seon Duncan Ferrari	Fisheries Officer
St. Lucia	Thomas Nelson	Fisheries Biologist
St. Lucia	Vaughn Serieux	Head of Aquaculture Unit
St. Lucia	Sarita Williams-Peter	Senior Biologist
Suriname	Yolanda Babb-Echteld	Senior Policy Advisor, Fisheries Department
Trinidad & Tobago	Louanna Martin	Fisheries Officer
Turks & Caicos Islands	Luc Clerveaux	Environmental Officer, Department of Environment and Marine Affairs
St. Vincent & the Grenadines	Jennifer Cruickshank-Howard	Chief Fisheries Officer (Ag.), Fisheries Division
<b>ACP FISH II Underwater Visual Survey Training Workshop St. Vincent &amp; the Grenadines 9-21 August 2013</b>		
Antigua & Barbuda	Hilroy Simon	Fisheries Division
The Bahamas	Jeremie Saunders	
Belize	Marsha Vargas	
Dominican Republic	Elodie Fernandez	
Haiti	Jean Christin Henry	
Jamaica	Ricardo Morris	
St. Kitts & Nevis	Shawn Isles	
St. Lucia	Sarita Williams-Peter	
St. Vincent & the Grenadines	Lucine Edwards	Fisheries Officer, Fisheries Division
St. Vincent & the Grenadines	Kris Isaacs	Fisheries Officer, Fisheries Division



## ANNEXES







**STATEMENT OF CONTRIBUTIONS AND EXPENDITURES**  
**YEAR ENDED MARCH 31, 2014 (EASTERN CARIBBEAN DOLLARS)**  
**(Unaudited)**

	2014	2013
<b>MEMBER STATES CONTRIBUTIONS</b>	<b>2,582,016</b>	<b>2,582,016</b>
<b>OTHER INCOME</b>	<b>19,442</b>	<b>198,843</b>
	<b>2,601,458</b>	<b>2,780,859</b>
<b>EXPENDITURES</b>		
Bank Charges	16,154	16,877
Consultants fees and travel	11,694	18,377
Hospitality	1,794	285
Insurance - furniture, equipment and houses	3,871	3,871
Janitorial supplies and services	11,506	11,772
Meetings and workshop expenses	206,803	211,469
Office equipment rental	406	444
Other expenses	0	1,358
Personnel emoluments	1,388,426	1,429,477
Postage and courier services	7,985	5,172
Printing, photocopying services and office supplies	47,498	37,664
Publication and subscription	9,678	8,492
Repairs and maintenance - computers and office equipment	20,717	5,272
Repairs and maintenance - office and houses	5,598	7,538
Repairs and maintenance/insurance - vehicle	12,045	25,129
Telephone and fax charges	45,215	49,699
Travel - airfares and living expenses (staff)	109,611	114,326
Utilities - electricity and water	17,949	18,804
<b>Sub-total</b>	<b>1,916,948</b>	<b>1,966,026</b>
<b>Total expenses</b>	<b>1,916,948</b>	<b>1,966,026</b>
<b>INCOME FOR THE YEAR</b>	<b>684,510</b>	<b>814,833</b>
<b>OTHER COMPREHENSIVE INCOME</b>	<b>0</b>	<b>0</b>
<b>TOTAL COMPREHENSIVE INCOME</b>	<b>684,510</b>	<b>814,833</b>



## EVENTS LIST

### 2014

1. February 14: *22<sup>nd</sup> Meeting of the Executive Committee of the CRFM*, Kingstown, St. Vincent and the Grenadines
2. February 10 -12: *CRFM / UNU Workshop: Development of CRFM Strategy for Statistics, Data and Information: Capacity Issues*, Kingstown, St. Vincent and the Grenadines

### 2013

3. December 9 – 11: *CRFM / WECAFC-IFREMER-MAGDELESA / CARIFICO Workshop on FAD Fishery Management*, St. Vincent and the Grenadines
4. October 21-23: *Fourth and Final ACP Fish II Programme Regional Monitoring Workshop*, Nassau, Bahamas
5. October 24: *6<sup>th</sup> Steering Committee Meeting of the ACP Fish II Programme*, Nassau, Bahamas
6. October 25: *Roundtable discussion*, Nassau, Bahamas
7. October 16-17: *Regional Validation Workshop: CRFM/ACP Fish II Enforcement Manuals, 2013*, St. George's, Grenada
8. October 10: *The 4<sup>th</sup> Special Meeting of the CRFM Ministerial Council*, CARICOM Secretariat, Turkeyen, Greater Georgetown, Guyana
9. August 6-24: *Training of Trainers workshop*, St. Vincent and the Grenadines
10. June 14: *9<sup>th</sup> CRFM Scientific Meeting*, Kingstown, St. Vincent and the Grenadines
11. June 6 – 8: *CRFM / ACP Fish II Regional Validation Workshop: Review of queen conch management options*, Kingstown, St. Vincent and Grenadines.
12. May 31: *7<sup>th</sup> Meeting of the CRFM Ministerial Council*, Christ Church, Barbados.
13. April 22 – May 3: *Dr. Warwick Gullet's Caribbean tour and lecture series*: Barbados - April 25; Jamaica - April 30; Belize - May 2
14. April 24-26: *11<sup>th</sup> Meeting of the Caribbean Fisheries Forum*, Christ Church, Barbados
15. April 8-12: *Advanced Leadership Training Workshop for senior fisheries officers (CRFM/UNU-FTP/UA/UB)*, Castries, St. Lucia

# PUBLICATIONS

## Policy Briefs and Issues Papers

During the Programme Year 2013/2014, the CRFM released a series of Policy Briefs and Issues Papers, aimed at providing vital information to key decision makers across the region.

The **Policy Briefs** published are:

- #1: *Castries declaration on IUU: Getting Fisherfolk Onboard*
- #2: *Implementing CARICOM's Common Fisheries Policy: Increasing Countries' Economic and Social Benefit*
- #3: *The Role of Fish and Seafood in Food and Nutrition Security in the Caribbean*

The **Issues Papers** were as follows:

- #1: *Adoption and Implementation of the Caribbean Common Fisheries Policy*
- #2: *Ecosystem Approach to fisheries, Climate Change Adaptation and Disaster Risk Management*
- #3: *Illegal Unreported and Unregulated Fishing – The Caribbean Context*

## Posters and Brochure

The CRFM produced two posters to promote the flyingfish and large pelagic fishery

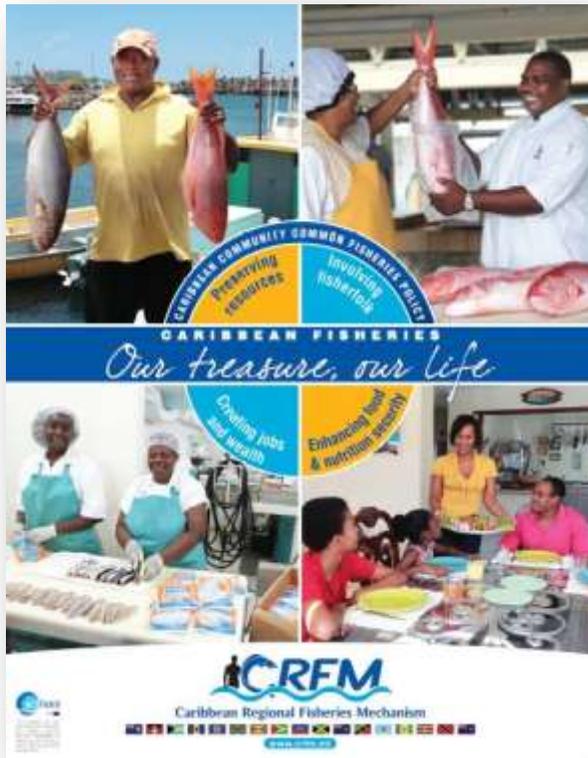
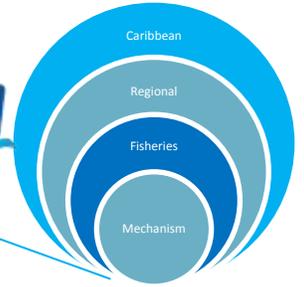


New!



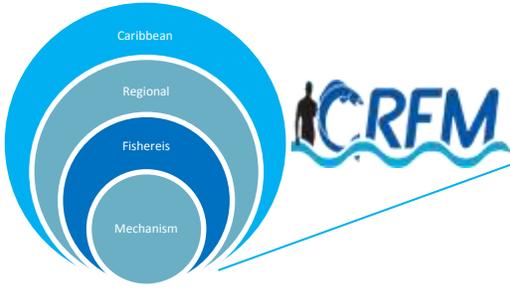
New!





*A poster, pamphlet and fact sheet were among the publications produced in September 2013 to promote the Caribbean Community Common Fisheries Policy.*

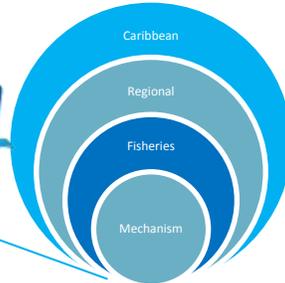




Over the years, the Caribbean Regional Fisheries Mechanism (CRFM) Secretariat has produced numerous publications under its various projects. The CRFM Secretariat regards documentation of outputs as an important component of a sustainable fisheries management mechanism. Documentation is further seen as an important means of promoting communication between individuals and organizations involved in fisheries, and creating/adding value through the generation of information products.

## OTHER DOCUMENTS

1. CRFM Annual Work Plan and Budget: 1 April 2013 – 31 March 2014
2. Report of Ninth Annual CRFM Scientific Meeting, Kingstown, St. Vincent and the Grenadines, 10 - 14 June 2013. [CRFM Fishery Report – 2013, Volume 1](#)
3. Report of Ninth Annual CRFM Scientific Meeting, Kingstown, St. Vincent and the Grenadines, 10 - 14 June 2013. **National Reports.** [CRFM Fishery Report – 2013, Volume 1, Suppl. 1](#)
4. Report of Ninth Annual CRFM Scientific Meeting, Kingstown, St. Vincent and the Grenadines, 10 - 14 June 2013. **Report of the Inter-Sessional Meeting of the CRFM Shrimp and Groundfish Fishery Resource Working Group (SGWG) Guyana, 19 – 20 February 2013.** [CRFM Fishery Report – 2013, Volume 1, Suppl. 2](#)
5. Report of Ninth Annual CRFM Scientific Meeting, Kingstown, St. Vincent and the Grenadines, 10 - 14 June 2013. **Report of the Second Joint Meeting of the CRFM Small Coastal Pelagic Fish Resource Working Group (SCPWG) and the CRFM/WECAFC Working Group on Flyingfish in the Eastern Caribbean.** [CRFM Fishery Report – 2013, Volume 1, Suppl. 3](#)
6. Study on Monitoring, Control and Surveillance in the CARICOM / CARIFORUM Region. [CRFM Technical & Advisory Document, No. 2013 / 11](#)
7. **Regional Strategy** on Monitoring, Control and Surveillance to Combat Illegal, Unreported and Unregulated Fishing in the CARICOM / CARIFORUM Region. **Volume 1** - [CRFM Technical & Advisory Document, No. 2013 / 11](#)
8. Prosecution and Enforcement Manuals for CARIFORUM Member States: **Regional Workshop Report**, [CRFM Technical and Advisory Document No. 2013 / 10](#) ISBN#978-976-8165-88-6
9. Prosecution and Enforcement Manuals for CARIFORUM Member States: **Volume 2 – Fisheries Enforcement Standard Operating Procedures Manual.** [CRFM Technical and Advisory Document, No 2013 /](#) ISBN#978-976-8165-87-9
10. Prosecution and Enforcement Manuals for CARIFORUM Member States: **Volume 1 – Fisheries Prosecution Manual**, [CRFM Technical and Advisory Document No. 2013 / 10](#) ISBN#978-976-8165-86-2

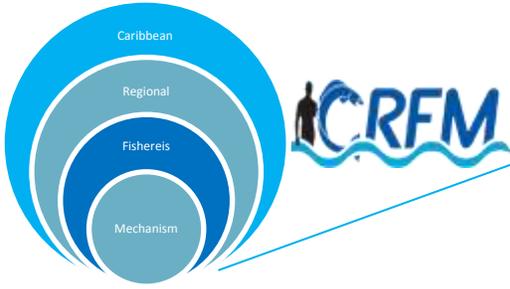


11. Report of the CRFM – JICA CARIFICO / WECAFC – IFREMER MAGDELESA Workshop on FAD Fisheries Management, 09 – 11 December 2013, St. Vincent and the Grenadines. [CRFM Technical & Advisory Document, No. 2013 / 9](#) ISBN #978-976-8165-81-7
12. Climate Change Adaptation and Disaster Risk Management in Fisheries and Aquaculture in the Caribbean Region. Volume 3 – Programme Proposals. [CRFM Technical & Advisory Document, No. 2013 / 8](#) ISBN #978-976-8165-80-0
13. Climate Change Adaptation and Disaster Risk Management in Fisheries and Aquaculture in the Caribbean Region. Volume 2 – Strategy and Action Plan. [CRFM Technical & Advisory Document, No. 2013 / 8](#) ISBN #978-976-8165-79-4
16. Climate Change Adaptation and Disaster Risk Management in Fisheries and Aquaculture in the Caribbean Region. Volume 1 – Assessment Report. [CRFM Technical & Advisory Document, No. 2013 / 8](#) ISBN #978-976-8165-78-7
17. Regional Workshop Report – Formulation of a Strategy, Action Plan and Programme Proposal on Disaster risk Management, Climate Change Adaptation in Fisheries and Aquaculture in the CARICOM and Wider Caribbean Region, 10 – 12 December 2012, Kingston, Jamaica. [CRFM Technical & Advisory Document, No. 2013 / 8](#) ISBN #978-976-8165-77-0
18. Report of the CRFM / CNFO / CTA Workshop on regional Fisheries Policies, 7 – October 2013, Guyana, [CRFM Technical & Advisory Document No. 2013 / 7](#) ISBN #978-976-8165-76-3
19. Caribbean Network of Fisherfolk Organizations (CNF), Advocacy Strategy and Plan for Fisherfolk’s Positions on Critical Issues concerning the Implementation of Regional Fisheries Policies in the Caribbean. [CRFM Technical & Advisory Document – No. 2013 / 01](#) ISBN#978-976-8165-75-6

**Newsletters:**

1. The Newsletter of the Caribbean Regional Fisheries Mechanism: *Management Issue* (March 2014)
2. The Newsletter of the Caribbean Regional Fisheries Mechanism: *Scientific Issue* (August 2013)





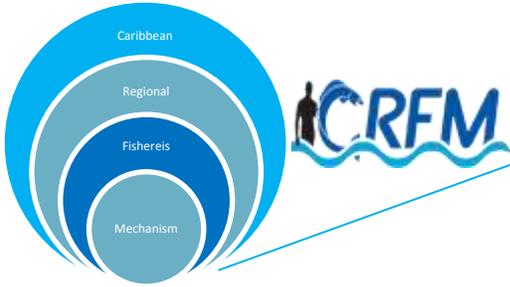
## PRESS RELEASE LIST

1. *CRFM states discusses legal instrument for lobster fishery*;Friday, February 14, 2014
2. *Caribbean member States of CRFM weigh in on important international case on IUU fishing*;Tuesday, February 4, 2014
3. *Regional Experts Meet to Strategize on Improving Fisheries Statistics, Data and Information*; Friday, February 7, 2014
4. *Belize fishermen receive ICT tools to bolster networking capacity*; Friday, January 24, 2014
5. *CRFM states to expand use of Fish Aggregating Devices in 2014*; Tuesday, December 17, 2013
6. *Cutting the cost of the tuna catch: CFRM states explore Fish Aggregating Device (FAD) as cost-cutting emergent technology*; Thursday, December 5, 2013
7. *Reject Queen Conch Petition: CRFM urges US-CARICOM Council on Trade*; Friday, November 22, 2013
8. *Regional Fisheries Dialogue Approaches Climax*; Wednesday, October 23, 2013
9. *Bahamas hosts evaluation meetings as ACP Fish II draws to a close*; Friday, 18 October 2013
10. *CRFM Ministerial Council urges expedited approval of Caribbean Community Common Fisheries Policy*; Tuesday, October 15, 2013
11. *Caribbean getting ready to tackle IUU fishing*; Friday, October 11, 2013
12. *Regional Fisheries Enforcement gets boost from ACP Fish II Initiative*; Friday, September 13, 2013
13. *Queen Conch Underwater Survey*; Friday, August 23, 2013
14. *CRFM Public Awareness Campaign Project Kickoff: Supports Caribbean Community Common Fisheries Policy (CCCFP) Ratification*; Tuesday, July 30, 2013
15. *New CRFM project to launch electronic policy dialogue on Caribbean fisheries*; Tuesday, July 30, 2013
16. *Min. Estwick urges implementation of Castries Declaration on IUU fishing and CARICOM Common Fisheries Policy*;Tuesday, June 18, 2013
17. *Caribbean fisheries experts attend 9<sup>th</sup> CRFM Scientific Meeting*;Wednesday, June 12, 2013
18. *CRFM/ACP FISH II Programme holds Regional Fisheries Management Workshop*;Tuesday, 11 June 2013
19. *New strategic direction on Agenda of Caribbean Fisheries Ministers*; Wednesday, May 29, 2013
20. *Professor Warwick Gullett tours Caribbean under CRFM-ANCORS, Australia collaboration*; Thursday, April 18, 2013
21. *Caribbean Fisheries Forum to hold 11<sup>th</sup> annual meeting in Barbados*; Thursday, April 18, 2013
22. *Fisheries managers from 17 CRFM member states build capacity in transformational leadership*; Friday, April 5, 2013



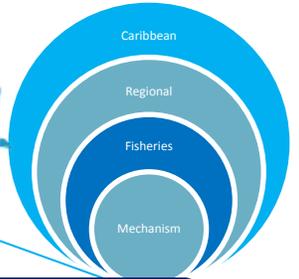
## ACRONYMS

ACP	African Caribbean and Pacific States
ALA	Australian Leadership Awards
ANCORS	Australian National Centre for Ocean Resources & Security
CANARI	Caribbean Natural Resources Institute
AusAID	Australian Agency for International Development
BFCA	Belize Fishermen Cooperative Association
CARICOM	Caribbean Community
CARIFORUM	Caribbean Forum of ACP States
CARIFICO	Caribbean Fisheries Co-management project
CARIFORUM	Caribbean Forum of African, Caribbean and Pacific (ACP) States
CCA	Climate Change Adaptation
CCCCC	Caribbean Community Climate Change Centre
CCCFP	Caribbean Community Common Fisheries Policy
CDEMA	Caribbean Disaster Emergency Management Agency
CDM	Comprehensive Disaster Management
CEDEAO	Communauté économique des États de l'Afrique de l'Ouest
CEEAC	Communauté Economique des Etats de l'Afrique Centrale
CERMES	Centre for Resource Management and Environmental Studies
CFU	CARICOM Fisheries Unit
CITES	Convention on International Trade in Endangered Species of Wild Fauna and Flora
CLME	Caribbean Large Marine Ecosystem (project)
CLWG	The Conch and Lobster Resource Working Group
CNFO	Caribbean Network of Fisherfolk Organisations
CNFO-CU	Caribbean Network of Fisherfolk Organisations Coordinating Unit
COTED	The Council for Trade and Economic Development, CARICOM
CRFM	Caribbean Regional Fisheries Mechanism
CTA	Technical Centre for Agricultural and Rural Cooperation ACP-EU
CWA	Caribbean Week of Agriculture
DMTWG	The Report of Data, Methods and Training Working Group
ECOWAS	The Economic Community Of West African States
EDF	European Development Fund
EEZ	Exclusive Economic Zone
EPA	Economic Partnership Agreement
EU	European Union
FAD	Fish Aggregating Devices
FAO	Food and Agriculture Organisation
GCFI	Gulf and Caribbean Fisheries Institute
GEF	Global Environmental Facility
IATTC	The Inter-American Tropical Tuna Commission
ICCAT	International Commission for Conservation of Atlantic Tunas
ICJ	The International Court of Justice
ICT	Information and Communications Technology
IFERMER	French Research Institute for Exploitation of the Sea
IGOs	Inter-governmental organisations



IOCARIBE	Intergovernmental Oceanographic Commission Sub-Commission for the Caribbean
IOI	International Ocean Institute
ITLOS	The International Tribunal on the Law of the Sea
IUCN	International Union for the Conservation of Nature
IUU	Illegal, Unreported and Unregulated (fishing)
JICA	Japanese International Cooperation Agency
LPWG	The Large Pelagic Fish Resource Working Group
MAGDELESA	Moored fish Aggregating Device in the Lesser Antilles
MCS	Monitoring, Control and Surveillance
MoU	Memorandum of Understanding
NFO	National Fishers Organisation
NMFS	National Marine Fisheries Service
OECS	Organisation of Eastern Caribbean States
OLDEPESCA	Organización Latinoamericana de Desarrollo Pesquero*
OSPESCA	Organisation of the Fisheries and Aquaculture Sector of Central America*
RFBs	Regional Fisheries Bodies
RSWG	The Reef and Slope Fish Resource Working Group
SAP	Strategic Action Programme
SCPWG	The Small Coastal Pelagic Fish Resource Working Group
SOP	Standard Operating Procedures
SRFC	The Sub-regional Fisheries Commission (Africa)
SSF	Small-scale Fisheries
SGWG	The Shrimp and Groundfish Resource Working Group
UA	University of Akureyri, Iceland
UB	University of Belize
UEMOA	Union Économique et Monétaire Ouest-Africaine
UF	University of Florida
UNCLOS	The UN Convention on the Law of the Sea
UNU-FTP	United Nations University Fisheries Training Programme
UWI	University of the West Indies
WECAFC	Western Central Atlantic Fishery Commission
WGA	The Working Group on Aquaculture
WWF	World Wildlife Fund

\* **Spanish acronym**



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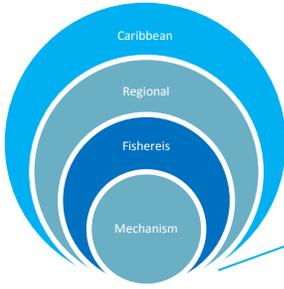
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Terrence Phillips, Retired  
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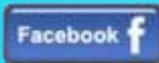
## ***New Website:***

<http://www.crfm.int>

## **Social Media Links:**



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Caribbean Regional Fisheries Mechanism



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