



**Sustainable Management of the Shared  
Living Marine Resources of the Caribbean Large Marine  
Ecosystem (CLME) and Adjacent Regions**

**Second Regional Steering Committee Meeting  
Cartagena, Colombia, June 6 – 8, 2007**

**Final Report of the Meeting  
June 28, 2007**

## TABLE OF CONTENTS

---

1. OPENING .....	3
2. CONDUCT OF THE SESSION AND ADMINISTRATIVE ARRANGEMENTS ..	3
3. ADVANCES OF THE CLME PROJECT .....	3
4. OVERVIEW OF THE PRELIMINARY TRANSBOUNDARY DIAGNOSTIC ASSESSMENT (TDA) .....	4
5. PROJECT OVERVIEW .....	5
6. FINANCIAL ASPECTS OF THE PROJECT AND INSTITUTIONAL ARRANGEMENTS .....	5
6.1 Co-Financing Efforts and Country – Specific Information .....	5
6.2 PCU Partnership Efforts .....	5
6.3 Baseline Country Information.....	7
6.4 Incremental Cost Assessment .....	7
7. DISCUSSIONS OF THE PROJECT’S COMPONENTS .....	8
7.1 Outcome 1 Full-Sized Project Management Arrangements .....	8
7.2 Outcome 2 and 3 TDA Finalization and SAP Development .....	9
7.3 Outcome 3 SAP Development .....	10
8. DISCUSSION OF THE PILOT PROJECTS.....	11
8.1. Flyingfish Pilot Project .....	11
8.2. Guianas-Brazil Shrimp and Groundfish Pilot Project.....	12
8.3. Spiny Lobster Pilot Project .....	12
8.4. Reef Fisheries and Biodiversity Pilot Project .....	13
9. OTHER BUSINESS .....	14
10. SUMMARY OF RECOMMENDATIONS AND ACTIONS TO BE TAKEN .....	14
11. AGREEMENTS TO FINALIZE THE PROJECT DOCUMENT .....	16
12. MEETING CLOSURE .....	17

---

ANNEX 1.....	18
ANNEX 2.....	21

---

## **1. OPENING**

The Second Regional Steering Committee of the Caribbean Large Marine Ecosystem (CLME) Project Meeting was opened at the Salon Arcos, Hotel Caribe at 09:00 hours on June 6, 2007 in Cartagena, Colombia.

During the opening ceremony, participants were welcomed to Colombia by Navy Captain Orlando Solorzano, Director of the Cartagena Hydrographic and Oceanographic Research Center. Captain Solorzano wished the participants a productive meeting, stressing the importance of the need to the region to collectively and adequately manage the shared resources of the Caribbean Large Marine Ecosystem.

In addition, Mr. Cesar Toro, IOC (UNESCO), Ms. Paula Caballero of UNDP-GEF and Professor Robin Mahon addressed the meeting. Each stressed the importance of the work the members were seeking to accomplish, their contributions to date and the extremely challenging timeframe ahead in order to complete the project proposal in time for submission to the GEF Council at its November meeting.

## **2. CONDUCT OF THE SESSION AND ADMINISTRATIVE ARRANGEMENTS**

Following the introduction of each participant at the meeting, Ms. Ana Maria Hernandez, Regional Steering Committee member representing Colombia, was nominated as Chair of the Meeting by Ms. Ydalia Acevedo (Dominican Republic) and was seconded by Mr. Carlos Garcia (Honduras).

Upon election, the Chair submitted the agenda for approval. It was modified at the request of the representative from Mexico who asked to present an update of the progress made by that country on environmental policy for coastal and marine management since its presentation to the Committee at the First Regional Steering Committee Meeting in August 2006.

The Chair presented the objectives and described the format of the meeting as outlined in the annotated agenda. She expressed her hopes for an in-depth discussion on the draft Project Document so as to be able to meet the deadline of a completed document by August, 2007.

The agenda and annotated agenda are presented in Annex 1 and the list of participants attending the meeting in Annex 2.

## **3. ADVANCES OF THE CLME PROJECT**

The Project Manager, Dr. Lucia Fanning, presented a brief overview of the progress of the CLME Project since the first Steering Committee, held on August 2-3, 2006 in Panama City, Panama. Key activities highlighted included the TDA Training Workshop and Kick-Off Session held in Barbados in October 2006 and the Project Concept/TDA Synthesis Workshop, held in Kingston, Jamaica in early March 2007.

In addition, Dr. Fanning stressed the need for countries that had not yet provided country-specific information as requested by the Project Coordinating Unit to do so as soon as possible as this information was critical to ensuring the proposal reflected the needs of the countries. She also informed members of the promotional material that had been developed for the CLME Project, the efforts to increase the awareness of the CLME Project at various venues throughout the region, as well as extra-regionally, and the development of the CLME Web Page (<http://www.cavehill.uwi.edu/cermes/clme.html>). Members were encouraged to visit the website often as the intention is to list all products from the CLME Project online for downloading, including all documents and presentations made at this meeting.

#### **4. OVERVIEW OF THE PRELIMINARY TRANSBOUNDARY DIAGNOSTIC ASSESSMENT (TDA)**

Dr. Fanning presented an overview of the preliminary TDA for the CLME Project area based on the information compiled for the Insular Caribbean, Central/South America and Guianas-Brazil sub-regions. Members were asked to refer to the tables presented in the document entitled *Overview of the Sub-regional Preliminary Transboundary Diagnostic Analyses for the Caribbean Large Marine Ecosystem and its Adjacent Region, the North Brazil Shelf* as the presentation was drawn from this report.

She noted that throughout the various reports, there were significant commonalities among the sub-regions, particularly with respect to identified consequences and impacts. However, she stressed that the reports were preliminary and that the finalized TDA was expected to be completed during the early stages of the full-size project. It was also noted that many of the potential areas for intervention related to addressing regional governance issues, with specific options highlighted for each of the sub-regions. Based on the preliminary work conducted, the three priority concerns were identified as: overexploitation of living marine resources; habitat degradation; and, pollution.

##### Discussion Points

Following the presentation, the member from the Dominican Republic asked if the Project Coordinating Unit (PCU) had worked on the ranking of the priorities and what was the tendency of the countries. Dr. Fanning commented that 13 countries had expressed their views in the templates sent to them and that there was a tendency to view overexploitation of living marine resources as the gravest issue, recognizing that the reports clearly identified obvious transboundary linkages between over-exploitation and the other two major areas of concern, namely pollution and habitat degradation.

The member from the Association of Caribbean States (ACS) highlighted that the lack of delimitation of the EEZ in the Insular Caribbean may be significant in addressing the issue of over-exploitation and requested the final TDA take this into consideration. He also added that governance was a very important issue and that the final report should seek to include a thorough governance analysis. Dr. Fanning assured the member that this was a component that was already identified as being necessary for inclusion in the final report.

The member from Mexico noted the significance given to fisheries in the TDAs, and commented on the need to better reflect the intersectoral relationships that can impact the Caribbean Ecosystem, such as tourism, land based sources of marine pollution, maritime transportation and climate change.

## **5. PROJECT OVERVIEW**

Mr. Cesar Toro (IOCARIBE) presented a brief summary of the draft Project Document, highlighting the various components and the expected results. He stressed that for each of the components, (Project Management, TDA finalization, Strategic Action Programme and Demonstration Projects), there would be a separate item on the agenda that would allow for an in-depth review and discussion and as such, the purpose of this presentation was primarily to present the overview of the proposal, not to engage in a discussion on specifics at this stage.

## **6. FINANCIAL ASPECTS OF THE PROJECT AND INSTITUTIONAL ARRANGEMENTS**

### ***6.1 Co-Financing Efforts and Country – Specific Information***

Ms. Paula Caballero (GEF-UNDP) stated that the Project was at a very critical and historical moment in GEF history as a wide arrange of radical changes were currently underway that affected the way GEF did business. However, she noted that impacts on the CLME Project were not expected since the project was very far advanced into the preparatory phase. As such, she stressed that the major aspect of GEF restructuring that could impact the Project related to the presentation of the project document for GEF Council review and approval.

During her presentation, she stressed the tight timeframe for getting all of the information necessary to complete the project proposal and highlighted that there was need for the proposal to include the following: (1) a concise strategy for the Project; (2) a justification and explanation of the calculated incremental costs; (3) each pilot project must be written as a demonstrative “mini pro-doc”, showing tangible impacts and outcomes, thus they needed to robust and targeted; (4) a requirement for detailed information in the final submission with gaps being filled over the immediate future with assistance from member countries and partners; (5) justification to GEF as to why the funds were needed and an identification of co-financing, as GEF must ensure the recipient countries are committed to co-financing.

### ***6.2 PCU Partnership Efforts***

Professor Robin Mahon presented the efforts to date by the Project Coordinating Unit on engaging partners in the CLME Project. The list included governmental organizations, non governmental organizations, non-eligible GEF countries and other donors. Amongst the Inter-governmental organizations partners, OSPESCA, CRFM, OLDEPSECA, OECS, CARICOM, UNDP, WECAFC, OAS, UNEP, UN-ECLAC and ACS were identified. The non-governmental organizations which have expressed interest in

participating included: Billfish Foundation, CANARI, CERMES, CoML, Cropper Foundation, Dalhousie-IOI-MAP. Other organizations interested included: IUCN, MSC, Oceans Foundation, RSMAS, TNC, The University of Amsterdam, MARE and WW2BW. In addition, France, Belgium and Holland were identified as some of the countries interested in participating.

### Discussion Points

The OECS representative as well as the UN-ECLAC representative commented that the timeline of the Project was challenging and the process to obtain the necessary approvals for co-financing commitments was difficult and time-consuming. To address this constraint, it was suggested that the PCU draft a co-financing template to be used by partners. The PCU noted that it had previously circulated a template to partners and member countries but undertook to resend the template. Unfortunately, due to financial constraints as well the time constraints, it was noted that all future communications after the Steering Committee would have to be done through electronic exchanges.

The member from Mexico questioned the fact that the demonstration projects seemed to focus on the fisheries while minimizing other issues such as loss of biodiversity, habitat loss and ecosystem degradation. In response, Prof. Mahon reminded members that the emphasis of the project was on transboundary living marine resources (LMRs). As such, the expectation from GEF was for the project to focus largely on the fisheries and other significant transboundary LMRs. The Chair agreed with Prof. Mahon and reiterated that that reflected the initial focus and definition of the project proposal.

The member from CRFM asked for clarification regarding the criteria used to define who might be a “partner”. The PCU responded that it was seeking potential partners in an active manner and in general, any entity that expressed an interest to participate in the project was encouraged. However, final acceptance as a formal project partner was subject to the approval by the Steering Committee.

The representative from Cuba asked for clarification on the level of co-financing required from partners, adding that funding provided to Cuba from the IAEA for the evaluation of pollution and status of habitats and ecosystems could be offered up as co-financing. The member was advised that most of the contributions from partners was expected to be in the form of in-kind contributions and parallel funding and as such, the IAEA project could be seen as potential project co-financing.

The ACS representative noted that while there was a need for Caribbean States to ratify existing international instruments, there was also a need for bilateral and regional efforts to be pursued. He also advised considering the use of existing arrangements such as CARICOM to facilitate the processes for approval of commitments by the partners. He further recommended including appropriate text from the UNGA Resolution on the Caribbean Sea and offered to provide the appropriate text. In addition, the member advised that, with respect to the ACS, the CLME Project could only develop co-financing arrangements with its Caribbean Sea Commission as the ACS only enters into co-financing arrangements bilaterally.

Several of the organizations present suggested potential partners and donors such as the European Union, Japan, Canada, Taiwan and the Inter-American Development Bank Regional Public Fund.

### ***6.3 Baseline Country Information***

Mr. Kemraj Parsram presented an overview of the funding in the Baseline Country Information provided to date by some member countries. He clarified that he would be presenting a brief summary and that a detailed analysis could be expected at a later date. It was also stated that the information was partly based on the in country information from 11 of the 13 countries that had responded to the PCU request.

The projects identified fell into the timeline 2005 – 2011. Most countries identified areas of concern, resources attached to these and funding associated with projects within the specified areas of concern. Using Colombia as an example, it was noted that several projects of pollution in fisheries and habitat degradation had been conducted, specially linked to monitoring and evaluation of the fishing industry and marine ecosystems, but no dollar amounts had been assigned as co-financing.

Mr. Parsram also presented a summary of regional activities supported by FAO, GEF and Japan. A copy of the complete report on which Mr. Parsram based is presentation is available on the CLME website.

### ***6.4 Incremental Cost Assessment***

To finalize the co-financing item, Ms. Paula Caballero, presented an overview on Incremental Cost Assessment. She explained the role of co-financing and clarified how GEF defined incremental costs.

A sample incremental cost matrix was presented. Ms. Caballero stressed that the following considerations should be taken into account when filling out the matrix:

- Is obtaining a co-financing letter appropriate/likely from the funder?
- Is the area of concern related to the CLME Project and to what extent?

Participants were urged not to underestimate the task of completing the matrix.. Ms. Caballero commented that existing initiatives relevant to the Project's objective could be used as baseline costs and differentiated these from the incremental costs and additional co-financing that could be counted. In order for the Project to succeed, she advised that the total incremental costs from countries and partners should be approximately 24 million USD.

To help members better understand the concept and practice of incremental cost calculation, Ms. Caballero used a number of examples, including the GLOBALLAST project and the IWCAM project. She also recommended prioritizing thematic areas appropriate to the CLME Project prior to collecting co-financing information so as not to waste time collecting data that would be of limited value to the project. Additionally, she stressed that there must be a link between the projects identified as co-financing and the letters relating to co-financing commitments.

## 7. DISCUSSIONS OF THE PROJECT'S COMPONENTS

### *7.1 Outcome 1 Full-Sized Project Management Arrangements*

Mr. Cesar Toro (IOC-UNESCO) introduced the discussion of Project Component 1 which dealt with the issue of project management.

The project organizational chart (as illustrated in the draft project document) was presented, showing the various institutional arrangements being proposed at the regional and national levels to manage the project.

It was suggested that the Steering Committee would meet at least once yearly during the 4 years of the full-size project's life. The role of the Steering Committee was described, as well as the proposal to locate the PCU in Cartagena, at the IOCARIBE office.

It was also noted that there would be a need for a Project Manager whose Terms of Reference needed to be well-defined at a later date. In addition, it was also expected that there would be a need for a limited number of experts to assist the Project Manager in the PCU.

The institutional structure illustrated in the organizational chart also included a proposal for a stakeholder advisory committee, the requirement for CLME national focal points and a National Inter-ministerial/Inter-Sectoral Committee for the Project.

Mr. Toro stated that the implementing agency for the full-size project would continue to be UNDP and the executing agency, IOC-UNESCO, with administrative support being provided by UNOPS.

#### *Discussion Points*

Following the presentation, the Chair suggested the possibility that the Project Steering Committee might need to meet more than once a year, at least for the first part of the Project, given that it might not be feasible for certain decisions to wait more for a year.

The ACS representative agreed with the Chair, noting that it could be stated that there be annual meetings, however should the need arise, then an extraordinary session could be called. He also called for a clarification of the relation between the national coordination structure and the regional structure being proposed.

The CRFM member asked for clarification on the function of the regional advisory entities and where they would be located within the organizational structure. He also cautioned having too many committees in the organizational structure.

The representative from Mexico and the member from the IWCAM Project related their experiences with respect to institutional arrangements for the Gulf of Mexico project and the IWCAM Project

In response to a question on whether the decision regarding the location of the PCU was already taken, Mr. Toro clarified that it was a proposal to the Steering Committee to approve or suggest an alternative location.

## ***7.2 Outcome 2 and 3 TDA Finalization and SAP Development***

Ms. Paula Caballero introduced components 2 and 3 of the draft project proposal which addressed the finalization of the TDA and SAP development.

She reminder members that the TDA was not meant to be a static technical summary of the region but a living document to be finalized during the full-size project and which was expected to be influential in shaping the processes for SAP development and implementation.

Areas identified for institutional strengthening, sectoral impacts on the ecosystems, mapping of institutional, political and legislative arrangements, and a detailed evaluation of other initiatives were highlighted as being critical in contributing to a broader analysis of key stakeholders and in developing a stakeholder involvement strategy.

Ms. Caballero noted that it was also worthy to consider an analysis of climate change impacts, natural disasters and standardization of indicators and protocols. She also pointed out that the full size project was an opportunity for greater regional cooperation among the countries and stressed that the process to be followed was as important as the product, particularly given the positive long-term impacts of greater interaction and exchange among countries.

She commented that a detailed analysis was needed to identify gaps in the preliminary TDA and that efforts to enhance the information contained in the report must be seen as a joint effort by all member countries and partners.

In relation to the SAP, Ms. Caballero explained that it must be formulated and endorsed during the full size project. In addition, an action plan to strengthen the management framework must be agreed to by the countries prior to SAP implementation. She noted that it was important to identify and adopt economic instruments for better management of the LME and to promote the ratification and implementation of both international and regional agreements. She also noted that the SAP must include a regional environmental monitoring program to monitor the progress of the project.

### **Discussion Points**

During the discussion, the CRFM representative noted that one of the critical situations facing many countries in the region was their small size and vulnerability. This, he commented, was reflected in the low capacity of many countries to implement monitoring and evaluation programs. He cited the establishment of regional and subregional agreements as one of the key responses by the countries to address this limitation at the national level and noted that it was necessary for the project proposal developers to keep this in mind.

CRFM, along with the representative from the OECS, reiterated the importance of verifying the capacity to commit and undertake the requirements of the Project. The members stressed that it was necessary to minimize the duplication of indicators and monitoring and reporting exercises occurring throughout the region.

The member from Cuba noted that the draft project proposal was very clear on “what needed to be done” but the document lacked the description of “how it was to be done”.

The UNEP representative requested some clarification on the expectations of the activities, as these seemed overambitious for the timeline of the Project.

### ***7.3 Outcome 3 SAP Development***

Professor Robin Mahon presented an overview of the conceptual rationale behind the project objectives and its focus on governance. He noted that to analyze the subject of governance appropriately, it was necessary to pay attention to the difference in scale of each country and the differing levels of completeness of policy cycles within them.

Using the multi-scale, policy cycle based governance framework developed by the project's technical task team at the Barbados meeting, he explained that this framework seemed an appropriate one for the Caribbean LME as it took into account the complexity and diversity in existence in the region. With respect to the SAP development, it was expected that the framework could be useful in designing interventions that would promote regional oceans governance and advance the ACS-led initiative for the Caribbean Sea, seek regional management for pelagic areas and establish levels of monitoring and reporting of the ecosystem.

Professor Mahon stressed the fact that more partnerships in all areas were needed to increase the probability of success of the Project. To illustrate this point with respect to improving regional governance, he presented a slide on how a CLME – ACS partnership might work.

With respect to a tangible demonstration of improving the management of a regionally important fishery, he cited the importance of the large pelagic species in the region which were paid little attention to by ICCAT, despite that organization's mandate to manage the species. He indicated that CRFM has stated its interest in playing a role in this regard and the CLME Project could be instrumental in supporting and advancing this initiative.

#### ***Discussion Points***

The representative from OLDEPESCA cautioned that the Project could be in conflict with organizations such as FAO and ICCAT that had activities which were already advanced in the Caribbean. This concern was alleviated when information indicating that neither ICCAT nor FAO would be concerned if the project addressed this matter was offered. He also extended an invitation to the PCU to give a presentation on the CLME Project at the OLDEPESCA Ministers Conference in November, 2007.

The representative from ACS commented that in terms of the focus of the project on enhancing governance, the ACS was committed to working with the CLME Project. Similarly, the OECS representative, on behalf of the member states, expressed that the organization was also willing to support the Project.

The representative from Mexico noted that having reviewed the preliminary sub-regional TDA reports, the linkages between fisheries overexploitation and habitat degradation and pollution were in fact addressed, alleviating the concern he had previously expressed. He also noted that in defining the pilot project, further

opportunities could be seized to ensure integration of the concerns identified in the TDA reports.

In response, the member from UNDP-GEF reminded members of the limited budget available for the project and urged that it was necessary to clearly define priorities, recognizing that not every concern highlighted in the TDA could be addressed in the project.

In response to a query regarding whether there was a plan B should countries fail to meet the deadline for submitting the project proposal given the tight timeframe discussed by Ms. Caballero in her earlier presentation, she provided the following comment:

“There is no Plan B, it is not a UNDP or IOCARIBE decision, it is the way GEF sets the rules of the game. Should we fail to present our Project in a speedy manner, our 7 million dollars will go to another project. The new GEF cycle needs to be short sweet and simple. It needs to be cost effective. You have our full support, we have to work as a team and finalize the document on time. The fact is that there is little money, and there is no plan B - we need to meet the deadline”.

The member from CRFM supported the need for the CLME Project to address the issue of the management of regional large pelagics. He noted that these species were of particular interest to the Caribbean countries but were not being addressed by ICCAT. He also noted that these species were particularly relevant to the trans-boundary process and expressed concern that greater attention had not been paid to these species and called for this matter to be redressed in the revised project proposal.

Ms. Caballero indicated that if the Steering Committee were to direct that greater emphasis to the management of the regional large pelagics was appropriate, there would be a need to justify to GEF why it should not be done as part of the existing project structure rather than as a demonstration project. She also noted the need to identify the funding for this activity, regardless of whether it was included as a pilot or as part of Component 3.

## **8. DISCUSSION OF THE PILOT PROJECTS**

### ***Flyingfish Pilot Project***

Mr. Milton Haughton (CRFM) presented an overview of the flyingfish demonstration project and details on the organization of the Caribbean Regional Fisheries Mechanism, with its Secretariat located in Belize. He asked countries involved in the pilot to send their comments and suggestions so as to finalize the document so that it can be annexed to the Project proposal. He also noted that with the recent experience between Trinidad and Tobago and Barbados over disagreements in ownership of the resource, the pilot could be used as an opportunity to examine issues of conflict resolution.

### **Discussion Points**

The FAO representative explained that his organization had several projects which could be important in supporting this project, but there were limitations to be aware of, particularly with regards to member countries' policies.

The representative from ACS highlighted the need to examine mechanisms for conflict resolution, given the complexity associated with fishing activities within the Caribbean.

The member from IOC-UNESCO and the Chair reminded members that it was important not to confuse the objectives of the CLME Project with issues surrounding delimitation, sovereignty and other political issues.

The OECS representative commented that since conflict resolution was a critical point within governance, the CLME Project could propose to examine appropriate conflict resolution frameworks for good governance, within the context of the flyingfish fishery. It was further emphasized that within the life cycle of the Project, the conflicts would not be expected to be solved. However given the overall objective and focus of the Project on governance, it could conceivably offer up proposals for suitable mechanisms to deal with conflict resolution.

Support for the pilot was expressed by the Steering Committee.

### ***Guianas-Brazil Shrimp and Groundfish Pilot Project***

Mr. Bisessar Chakallal (FAO/WECAFC), presented an overview of the Shrimp and Groundfish Pilot Project. He highlighted that the activities were geared to improve and implement the functioning of policy cycles surrounding the management of shrimp and groundfish.

#### ***Discussion Points***

In response to a question from the representative from Brazil regarding that country's participation, he stated that through the WECAFC working group, Brazil was actively participating in the Project. He went on to comment on the need to form an intersectoral group to address the pollution problem within the subregion and to look at experiences elsewhere in order to improve knowledge gaps on the impacts of pollution on fisheries.

Dr. Fanning added that over the past 12 to 15 months, the countries had been invited to nominate experts to assist in the development of all technical documents, including the demonstration pilots.

Support for the pilot was expressed by the Steering Committee. The representative from CRFM commented that the proposed plan was very good and that there were lessons for implementation within other fisheries, including flyingfish.

The UNDP-GEF member noted that it was necessary for the demonstration project to be specific and define the key activities to be implemented.

### ***Spiny Lobster Pilot Project***

Mr. Sergio Martinez (OSPESCA) introduced the Spiny Lobster Pilot Project. He stated the objectives of the pilot as well as the complications of managing the resource. He outlined the key activities of the project and noted that there had been significant changes to pilot as earlier developed and discussed at the Jamaica meeting. He noted that the new proposal centered on marine stewardship certification of the fisheries as the main

goal. He noted that given the lack of history (apart from Mexico, which took a number of years) and experience in that field in the countries as well as the allocated time frame for the pilots, it seemed unlikely to successfully achieve the revised pilot goal.

To assist members with an increased understanding of the certification process, the representative from the Marine Stewardship Council (MSC) presented an overview of the MCS certification program. Unfortunately, due to time constraints, the Chair was forced to cut short her presentation.

### ***Reef Fisheries and Biodiversity Pilot Project***

Ms. Alessandra Vanzella-Khouri (UNEP) introduced the Reef Fisheries and Biodiversity Pilot Project. Presentations were also given by representatives from two of the proposed sites identified in the pilot. The two sites identified were the SeaFlowers Marine Protected area in Colombia and the Pedro Bank area of Jamaica. In the former case, the representative from CORALINA presented the proposal, noting that, consistent with the identified major transboundary areas of concern, the site was subject to overexploitation, habitat degradation and pollution. The representative from Jamaica presented the project from the Pedro Bank ecosystem which had been working on the development and implementation of management plans for the area since 2005.

After the presentations of the demonstration projects, the participants divided into four work groups to review the proposals, obtain clarification and define the next steps for approval of the projects. The following points were noted from the exercise:

- (1) The flyingfish group refined the objectives and vision and discussed ways to address gaps and advance the description of the proposal.
- (2) The Shrimp and Groundfish group noted that it was challenging to find a link between the expectations of the countries involved in the demonstration project and what the UNDP-GEF representative indicated GEF would approve as a pilot project. It was agreed that it was necessary to define a leader to take on the project, including its activities and financing. It was also recommended that the activities should span the local to regional levels. A list of contacts within each country was established to refine the final pilot project. Several proposals of activities for governance in management of marine resources were defined. An action plan with timelines was also developed.
- (3) The Spiny Lobster group commented that OSPESCA would lead the project. It was determined that it was necessary to obtain information from existing regional activities and to incorporate the ideas suggested by the WECAFC working group. The discussion also led to a need to include other countries and to address issues of pollution and habitat degradation. The activities were rearranged and some themes, such as capacity building, were incorporated.
- (4) The Reef Fisheries and Biodiversity group noted that it was necessary to define a pilot project that incorporated a clear connection with the pilot sites. There was also a need to define concrete activities as the general activities were already defined and the leaders within each country identified. This group undertook to continue to work with UNEP to finalize the pilot project proposal. The leaders

from the countries also agreed to provide UNEP with information related to national policies for inclusion in the proposal.

## **9. OTHER BUSINESS**

Mexico, as requested on the first day of the meeting, gave a presentation highlighting the advances on federal policies and strategies for an integrated management of the coasts and oceans. The presentation is available on the CLME website at [www.cavehill.uwi.edu/cermes/clme.html](http://www.cavehill.uwi.edu/cermes/clme.html)

## **10. SUMMARY OF RECOMMENDATIONS AND ACTIONS TO BE TAKEN**

Based on the points raised with respect to the draft project proposal submitted for their consideration, the CLME Steering Committee members agreed that the following recommendations should be adopted in the redrafting of the draft project documents:

### **Component 1 – Project Management**

Issue: Co-location of the PCU for the Full-Sized Project with IOCARIBE in Cartagena, Colombia

*Action: IOCARIBE approved as venue*

Issue: Revision of organizational chart to show linkage between national organization and regional structure

*Action: The revised draft will reflect these changes*

Issue: Include term of reference for key entities identified in the organizational chart to ensure clarity and transparency of roles

*Action: The revised draft will reflect these changes*

Issue: Taking into account budgetary considerations, the Steering Committee will meet at least once a year, and with greater frequency as needed.

*Action: The revised draft will reflect these changes*

### **Component 2 – TDA Finalization**

Issue: The ProDoc should provide a clearer description of the TDA process, including the need for a robust governance analysis.

*Action: Implementing Agency with PCU will ensure that the revised draft will reflect these changes*

### **Component 3 – SAP Development**

Issue: Inclusion of the concept underlying the Project Strategy

*Action: Implementing Agency with PCU will ensure that the revised draft will reflect these changes*

Issue: Greater emphasis should be afforded to addressing the management of regional large pelagics within the SAP development process

*Action: Draft will be revised to take account of this recommendation*

Issue: In the development of the M&E frameworks and plans, existing indicators and monitoring and reporting exercises must be taken into account to avoid duplication

*Action: The draft will be revised to reflect the recommendation*

Issue: There is a lack of emphasis on the ratifying of regional instruments and treaty practice; in some case national policy and legislation are in line with international treaties but ratification of the international instruments might not actually take place. Thus an assessment of the existing legal framework needs to be done and a determination of the impact of these on the development of the SAP. The project can then commit to work with regional partners to strengthen or develop as necessary

*Action: The draft will be revised to reflect the recommendation*

Issue: There is need for more prominence to be given to the relevant text of the UNGA Resolution 61/197 in the document

*Action: The draft will be revised to reflect the recommendation*

#### **Component 4 – Demonstration Pilots**

Issue: Ensure clear and robust links between and among the pilots and the main overall objective and activities, for example in terms of TDA activities, capacity building and legal and institutional strengthening. The Project and the pilot projects will provide for the development of strong feed-back mechanisms and robust interaction

*Action: The draft will be revised to reflect the recommendation*

Issue: An ecosystem-based management approach needs to be adopted in relation to the linkages between the TDA priorities (overfishing, habitat degradation and pollution) as the CLME Project is implemented

*Action: The draft will be revised to reflect the recommendation*

#### **TDA Overview**

Issue: Bearing in mind states are not all parties to every international instrument, the TDA should take into consideration the impact of the lack of EEZ delimitation for the Insular Caribbean in relation to overexploitation of the LMRs

*Action: The PCU should include this recommendation in the revised draft*

Issue: In keeping with an ecosystem-based management approach, the CLME project needs to ensure that impacts from different sectors, such as tourism, are taken into account

*Action: The draft will be revised to reflect the recommendation*

### **PCU Partnership efforts**

Issue: All participating countries, partners and the PCU need to identify and obtain timely co-financing agreements

*Action: Commitments will be provided within the required timing*

Issue: All potential partners should be identified and their interaction with the CLME Project facilitated, including with: IAEA which can assist in pollution evaluation and habitat state; Caribbean Sea Commission, IDB, and bilateral donors such as EU, Japan, Sweden, Taiwan and Canada.

*Action: The draft will be revised to reflect the recommendation*

### **Other**

#### a) Co-financing

Issue: PCU will resend the draft co-financing letters earlier sent to countries

*Action: The PCU will resend by June 11, 2007*

#### b) Full size project redrafting

Issue: All countries and partners will provide detailed information (one or two concise and succinct paragraphs) on their policy and institutional context, as relevant. Both national and regional policy frameworks, instruments, and institutions should be described

*Action: The draft will be revised to reflect the recommendation*

#### c) Timing Requirements

Issue: Concern expressed regarding the extremely limited timeframe within which the preparatory documents need to be completed and submitted, nevertheless the Steering Committee reaffirms commitment to taking all necessary action to provide the required information

*Action: Not required*

## **11. AGREEMENTS TO FINALIZE THE PROJECT DOCUMENT**

The UNDP-GEF representative presented the steps to be followed to complete the Project document within the stated timeframe.

Date	Activity
11 – 18 June	PCU will compile the report of the Steering Committee
18 June – 11 July	Second draft of the Project document must be completed, detailed information on co-financing must be included, the co-financing letters as well as the political and institutional information of each country must be sent

16 – 27 July	Review by countries and partners
3 August	Last review to finalize the Project document

For the pilot projects, the schedule was outlined as follows:

Date	Activity
11 – 18 June	Leaders of the groups will review
18 – 29 June	A final first draft of the pilot projects must be finished (including objectives, activities, outputs, beneficiaries, sustainability strategy, replicability, budget, work plan and logical framework)
2 – 6 July	Review by countries and partners
6 – 20 July	The preliminary final draft must be completed including information on co-financing and a detailed budget
23 – 27 July	Second review by countries
3 August	Last review of the pilot projects documents

Steering Committee members agreed that although the timeframe was extremely challenging, they would commit to working with the CLME Project Team to meet the deadlines.

## 12. MEETING CLOSURE

Ms. Ana Maria Hernandez congratulated and thanked the participants for their active participation in the Second Regional Steering Committee Meeting of the CLME Project.

Mr. Cesar Toro thanked Ms. Hernandez for her excellent Chairmanship. He also thanks the staff involved in the organization of the meeting.

The Second Regional Steering Committee Meeting of the CLME Project was officially brought to a close at approximately 12:30 pm on June 8, 2007.

## **ANNEX 1** **AGENDA**

- 1. Opening of the meeting**
- 2. CLME Progress Report**
- 3. Overview of Preliminary TDAs**
- 4. Project Overview**
- 5. GEF Changes, Challenges, Requirements and Upcoming Milestones**
- 6. Co-Financing Efforts and Country-Specific Information**
- 7. Component 1 – Project Management**
- 8. Components 2 and 3 – TDA Finalization and SAP Development**
- 9. Component 4 – Demonstration Projects**
- 10. Summary of Overall Recommendations and Approval of FSP Proposal**
- 11. Next Steps**
- 12. Meeting Closure**

### **ANNOTATED AGENDA**

#### **1. Opening of the meeting**

The representatives from IOC (UNESCO)/IOCARIBE, UNDP-GEF and CERMES will formally welcome country representatives and partners to the meeting.

A Chair for the meeting will be appointed by consensus and the adoption of the agenda will be solicited.

The purpose, expectations and format of the meeting will be described.

#### Expected outcomes:

- a) To review, discuss and approve the CLME Full-sized Project proposal for submission to GEF, including the four pilot projects.
- b) To agree on a course of action to ensure all supporting documentation, including information on co-financing if still required and letters of financial commitment, are provided by the countries and partners in a timely manner for submission to GEF.

#### Format:

The draft FSP proposal, including the four pilot project documents, will be sent out to Steering Committee members in advance so that detailed comments can be already incorporated. Therefore it is expected that by the time of the meeting any outstanding concerns or issues raised by countries will have already been incorporated into the draft. As such, written comments are invited to be sent to the Project Unit at your earliest convenience. A detailed, paragraph-by-paragraph review of the FSP proposal will thus not be necessary during the meeting.

The agenda is structured so as to provide an overview of the draft FSP and to give SC members an opportunity to provide any additional inputs or recommendations. Each

component will be approved with recommendations to be followed up by the Project Team and the Project Design Specialist.

**2. CLME Progress Report**

A short report of the progress achieved since the first RSC will be presented.

**3. Overview of Preliminary TDAs**

A short overview of the findings of the preliminary TDAs will be presented to set the scientific basis for the activities to be addressed in the FSP proposal.

**4. Project Overview**

An overview of the project based on the approved project concept will be presented.

**5. GEF Changes, Challenges, Requirements and Upcoming Milestones**

Committee members will be provided with information on the recent changes at GEF, the challenges arising from these changes. Specific GEF requirements and deadlines for submission will be highlighted so as to have a common understanding of what must be provided to the PCU from member countries and partners in order to finalize the proposal by the deadline of 31 August.

**6. Co-Financing Efforts and Country-Specific Information**

Efforts to engage CLME co-financing partners by the PCU will be discussed as well as baseline information provided by countries on existing and planned activities related to the CLME Project goals. This information will be used in the draft FSP proposal to calculate the incremental cost tables required by GEF.

The co-financing requirements from GEF and the inputs required from the countries and other partners will also be discussed further in this agenda item.

**7. Component 1- Project Management**

An overview of the proposed FSP Project Management will be presented. This will be followed by discussion from the members of the committee and recommendations, if still required, for approval of this component.

**8. Components 2 and 3 – TDA Finalization and SAP Development**

An overview of the contents of Component 2 of the FSP (Analysis of Transboundary Living Marine Resources and Identification of Needed Actions) will be presented. This will be followed by discussion from the members of the committee and recommendations if still required, for approval of this component.

An overview of the contents of Component 3 of the FSP (SAP Development and Identification of Reforms and Investments for Management of Shared Living Marine Resources) will be presented. This will be followed by discussion from the members of the committee and recommendations if still required, for approval of this component.

## **9. Component 4 – Demonstration Projects**

An overview of the contents of Component 4 of the FSP (Targeted Projects Aimed at Strengthening the Policy Cycle and Early SAP Implementation) will be presented. Each of the four demonstration project on Flyingfish, Shrimp and Groundfish, Lobster and Reef Fisheries/Biodiversity will be described, discussed by members of the committee and recommendations if still required, for approval of each demonstration project made.

## **10. Summary of Overall Recommendations and Approval of FSP Proposal**

Members will be provided with a summary of the recommendations made to the FSP and the pilot project proposals. These will be approved, subject to the adopted recommendations being addressed by the Project Team and the Project Design Specialist in finalizing the proposals for submission to GEF. The final proposals will be circulated one last time to all SC members in early-July.

## **11. Next Steps**

Members will discuss and reach agreement on the next steps the Committee needs to take in order to address all of the requirements for timely submission of the FSP proposal to GEF. The discussion will centre on countries and partnership commitments and any other business arising, including the multi-phased timeline of the programme of activities planned for the CLME over the next four years and beyond.

## **12. Meeting Closure**

**ANNEX 2**  
**LIST OF PARTICIPANTS**

**Country representatives**

<b>Country</b>	<b>Name</b>	<b>Institution</b>	<b>Contact information</b>
Bahamas	Michael Braynen	Director of Marine Resources Department of Marine Resources Ministry of Agriculture and Marine Resources	P.O. Box N-3028, Nassau, Bahamas Tel: (242) 393-1777 Fax: (242) 393-0238 <a href="mailto:michaelbraynen@bahamas.gov.bs">michaelbraynen@bahamas.gov.bs</a> <a href="mailto:michaelbraynen@yahoo.com">michaelbraynen@yahoo.com</a>
Barbados	Stephen Willoughby	Chief Fisheries Officer Fisheries Division	Princess Alice Highway Bridgetown, Barbados Tel: (246) 427-8480 Fax: (246) 439-9068 E-mail: <a href="mailto:fishbarbados.cfo@caribsurf.com">fishbarbados.cfo@caribsurf.com</a>
Belize	Isaías Majil	Marine Protected Areas Coordinator Belize Fisheries Department	P.O. Box 148 Princess Margaret Drive Belice City, Belice C.A. Tel: (501) 224-4552/501-2232623 Fax: (501) 223-2983 <a href="mailto:isaiasmajil@yahoo.com">isaiasmajil@yahoo.com</a>
Brazil	Maria Cordelia Soares Machado	Coordinadora para Mar e Antártica Ministerio da Ciencia e Tecnología	Explanada dos Ministerios, Bloco E, sala 235 CEP 70067-900 Brasilia, D.F., Brazil Tel: (55-61) 3317-7854 Fax: (55-61) 3317-7766 <a href="mailto:mmachado@mct.gov.br">mmachado@mct.gov.br</a>
Colombia	Ms. Ana Maria Hernández Salgar	Jefe de la Oficina de Asuntos Internacionales Ministerio de Ambiente, Vivienda y Desarrollo Territorial	Calle 37 No. 8-40 Piso 4 Bogota, Colombia Tel: (571) 332-3604 Fax: (5781) 332-3426 <a href="mailto:amhernandez@minambiente.gov.co">amhernandez@minambiente.gov.co</a>
Cuba	Carlos Alonso	Director del Centro de Investigaciones Ambientales de Cienfuegos Centro de Estudios Ambientales, Cienfuegos	Ap5. Ciudad Nuclear Cienfuegos, Cuba Tel: 5343965607 <a href="mailto:carlos@ceac.cu">carlos@ceac.cu</a>
Dominica	Derrick Theophille	Fisheries Division of the Ministry of Agriculture, Fisheries and the Environment	Roseau Fisheries Complex, M.E. Charles Blvd, Roseau, Dominica Tel: (767) 448-0140 Fax: (767) 448-0140 <a href="mailto:fisheriesdivision@cwdom.dm">fisheriesdivision@cwdom.dm</a>
Dominican Republic	Ydalia Acevedo	Subsecretaría para Recursos Costeros y Marinos Secretaría de Medio Ambiente y Recursos Naturales	Avenida John F. Kennedy Edificio Secretaria de Agricultura 1a Planta Santo Domingo, República Dominicana Tel: (809) 547-2585/501-2692 Fax: (809) 547-3057 <a href="mailto:costeromarin@medioambiente.gov.do">costeromarin@medioambiente.gov.do</a>

			<a href="mailto:ydalia.acevedo@medioambiente.gov.do">ydalia.acevedo@medioambiente.gov.do</a>
--	--	--	--

Country	Name	Institution	Contact information
Grenada	Francis Calliste	Fishery Officer II Fisheries Division	St. Georges, Grenada Tel: 442-73-20 / 440-38-14 <a href="mailto:Tobex00@hotmail.com">Tobex00@hotmail.com</a>
Guatemala	Alba Nydia Pérez Hernández	Coordinadora Unidad Corredor Biológico y Sistema Arrecifal Mesoamericano	Ciudad de Guatemala, Guatemala Tel: 502 2423-0525 Fas: 502 2423-0500 <a href="mailto:sam@marn.gob.gt">sam@marn.gob.gt</a>
Haití	Exil Lucienna	Responsible of Coastal and Water Ecosystems	181 Haut-Turgeau Port-au-Prince, Haiti Tel: 509 245-0504 Fax: 509 245-7360 <a href="mailto:exillucienna@yahoo.fr">exillucienna@yahoo.fr</a>
Honduras	Carlos Hernán García	Sub-Director de la Dirección de Biodiversidad Secretaría de Recursos Naturales y Ambiente / SERNA	100 Metros al Sur del EStadio Nacional P.O. Box 1389 Tegucigalpa, Honduras Tel: 235-4895 Fax: 235-3764 <a href="mailto:Carlosga2004@yahoo.es">Carlosga2004@yahoo.es</a>
Jamaica	Ian Jones	Senior Fisheries Officer Fisheries Division Ministry of Agriculture and Lands	Marcus Garvey Drive P.O. Box 470 Kingston 13 Tel: (876) 923-8811 Fax: (876) 937-6726 <a href="mailto:fisheries@cwjamaica.com">fisheries@cwjamaica.com</a>
México	Porfirio Álvarez Torres	Director de Integración Regional Secretaría de Medio Ambiente y Recursos Naturales	Blvd. Adolfo Ruiz Cortines 4209 Jardines en La Montaña, C.P. 14210 México, D.F., México Tel: (55) 5628-0874 Fax: (55) 5628-0749 <a href="mailto:porfirio.alvarez@semarnat.gob.mx">porfirio.alvarez@semarnat.gob.mx</a>
Panamá	Reinaldo Morales Rodríguez	Secretario General Designado Autoridad de los Recursos Acuáticos de Panamá	Panamá, Panamá Tel: (507) 507-0866 Fax: (507) 507-0754 <a href="mailto:subacuicultura@hotmail.com">subacuicultura@hotmail.com</a> <a href="mailto:rmorales2004@yahoo.com">rmorales2004@yahoo.com</a>
St. Lucia	Rufus George	Deputy Chief Fisheries Officer Department of Fisheries	Pointe Seraphine Castries, St. Lucia Tel: (758) 468-4135 Fax: (758) 452-3853 <a href="mailto:Rufusgeorge1@hotmail.com">Rufusgeorge1@hotmail.com</a>
Suriname	Mariska Riedewald	Environmental Officer Ministry of Labour, Technological Development and Environment Environmental Section	Heerenstraat No. 40, 3 <sup>rd</sup> Fl, P.O. Box 911 Paramaribo, Suriname Tel: (597) 475-368 / 597-420960 Fax: (597) 420960 <a href="mailto:milieu.atm@yahoo.com">milieu.atm@yahoo.com</a>
Trinidad & Tobago	Gregory De Souza	Environmental Programme Officer Environmental Management Authority	8, Elizabeth Street, St. Clair Port of Spain, Trinidad & Tobago Tel: (868) 628-8042 ext 2252 Fax: (868) 628-9122 <a href="mailto:gdesouza@ema.co.tt">gdesouza@ema.co.tt</a>

United States of America	Bonnie Ponwith	Scientist NOAA / National Marine Fisheries Service Southeast Fisheries National Science Center	75 Virginia Beach Ave. Miami Fl 33149, USA Tel: (305) 361-4286 <a href="mailto:bonnie.ponwith@noaa.gov">bonnie.ponwith@noaa.gov</a>
--------------------------	----------------	--	--

## Organizations

Name	Post	Organization	Contact Information
Sheldon McDonald	Legal Advisor	Association of Caribbean States (ACS)	ACS Secretariat, 5-7 Sweet Briarra Trinidad & Tobago Tel: (565) 622-2050 <a href="mailto:smcdonald@acs-acc.org">smcdonald@acs-acc.org</a>
Milton O. Haughton	Deputy Executive Director	Caribbean Regional Fisheries Mechanism (CRFM) Secretariat	Princess Margaret Dt. P.O. Box 642 Belize City, Belize Tel: (501) 223-4444 Fax: (501) 223-4446 <a href="mailto:Haughton@caricomfisheries.com">Haughton@caricomfisheries.com</a>
Sarah McIntosh		Caribbean Natural Resources Institute (CANARI)	Administration Bldg. Fernandes Industrial Centre Laventille, Trinidad & Tobago Tel: (868) 626-6062 <a href="mailto:sarah@canari.org">sarah@canari.org</a>
Donna McRae Smith	Project Officer Sustainable Development Programme	Caribbean Community Secretariat	P.O. Box 10827 Turkeyen, East Coast Demerara Guyana Tel: (592) 222-0075 ext. 2207 Fax: (592) 222.0155 <a href="mailto:dms@caricom.org">dms@caricom.org</a>
Orlando Solorzano	Director / Representante Oficial de Colombia	Centro de Investigaciones Oceanográficas e Hidrográficas (CIOH)	Apartado Aéreo 982 Cartagena de Indias, Colombia Tel: (567) 6694104 Fax: (567) 6694297 <a href="mailto:jefcioh@cioh.org.co">jefcioh@cioh.org.co</a> <a href="mailto:Orsoma-capi2005@yahoo.com">Orsoma-capi2005@yahoo.com</a>
Juan Manuel Díaz	Representative	Census of Marine Life (CoML)	Instituto Humboldt Kra. 18 A # 151-61 Bogota, Colombia Tel: 627-8858 <a href="mailto:jmdiaz@humboldt.org.co">jmdiaz@humboldt.org.co</a>
Martha Cecilia Prada Triana	Project Coordinator	Corporación para el Desarrollo Sostenible del Archipiélago de San Andres, Providencia y Santa Catalina (CORALINA)	Via San Luis San Andrés Islas, Colombia Tel: (578) 512-8272 Fax: (578) 512-0081 <a href="mailto:pradamc@gmail.com">pradamc@gmail.com</a> <a href="mailto:elizabeth.taylor.coralina.gov.co">elizabeth.taylor.coralina.gov.co</a>
Bissessar Chakalall	Senior Officer and Secretary to WECAFC	FAO Sub-Regional Office for the Caribbean	United Nations House, Marine Gardens, Christ Church, Barbados Tel: (246) 426-7110 Fax: (246) 427-6075

			<a href="mailto:Bisessar.Chakahall@fao.org">Bisessar.Chakahall@fao.org</a>
Carlos Augusto Borda		Instituto Colombiano de Desarrollo Rural (INCODER)	Avenida el Dorado EL CAN Edificio Incoder Bogota, Colombia Tel: 3830444 ext. 1448 Fax: 3830464 <a href="mailto:cborda@incoder.gov.co">cborda@incoder.gov.co</a>

<b>Name</b>	<b>Post</b>	<b>Organization</b>	<b>Contact Information</b>
Edmundo Farah Chadid	Coordinador GTT Cartagena	INCODER	Edificio Concasa piso 13 Cartagena, Colombia Tel: 6645494 <a href="mailto:gtt-cartagena@incoder.gov.co">gtt-cartagena@incoder.gov.co</a>
Jorge Enrique Viaña Tous	Profesional especializado en Pesca y Acuicultura	INCODER	Edificio Concasa piso 13 Cartagena, Colombia Tel: 6645494 <a href="mailto:jvianatous@hotmail.com">jvianatous@hotmail.com</a>
Peter A. Murray	Programme Officer	OECS Environment and Sustainable Development Unit	Morne Fortune P.O. Box: 1383, Castries Saint Lucia Tel: (758) 455-6300 Fax: (758) 452-2194 <a href="mailto:pamurray@oecs.org">pamurray@oecs.org</a>
Angel Rivera Benavides	Executive Director	Latinoamericana de Desarrollo Pesquero (OLDEPESCA)	Avenida Petit Thouars 115 Tercer Piso, Lima 1, Perú Tel: (511) 330-8741 / 332-2480 Fax: (511) 332-2480 <a href="mailto:direc@oldepesca.org">direc@oldepesca.org</a>
Vielka Morales	Coordinadora de Apoyo Técnico	OSPESCA	Panama Tel: (507) 507-0641 / 32 Fax: (507) 507-0665 <a href="mailto:ospesca@mida.gob.pa">ospesca@mida.gob.pa</a>
Sergio Martínez Casco	Responsable del Proyecto FIINPESCA	OSPESCA/FAO	San Salvador, El Salvador Tel: (503) 2263-1123 Fax: (503) 2263-1128 <a href="mailto:smartinez@oirsa.org">smartinez@oirsa.org</a>
Kemraj Parsram		MARGOV/CERMES UWI	Cave Hill Campus, Barbados BB 11000 Barbados Tel: 417-4828 <a href="mailto:Kemraj.parsram@cavehill.uwi.edu">Kemraj.parsram@cavehill.uwi.edu</a>
Deborah Trefts	Americas Fisheries Outreach Manager	Marine Stewardship Council	2110 N. Pacific Street, Suite 102 Seattle, Washington Tel: (206) 669-5739 Fax: (206) 691-0190 <a href="mailto:debotrefts@msc.org">debotrefts@msc.org</a>
David Die	Research Associate Professor	RSMAS University of Miami	4600 Rickenbacker FL 33149 USA Tel: (305) 421-4607 <a href="mailto:ddie@rsmas.miami.edu">ddie@rsmas.miami.edu</a>
Simone Dieffenthaler	Project Officer	The Cropper Foundation (CARSEA)	CCA Building 7, Fernandes-Industrial Centre Laventille, Trinidad Tel: (868) 626-2628 Fax: (868) 626-2564

			<a href="mailto:sdieffen@thecropperfoundation.org">sdieffen@thecropperfoundation.org</a>
--	--	--	--

<b>Name</b>	<b>Post</b>	<b>Organization</b>	<b>Contact Information</b>
Robert Weary	Sr. Conservation Finance and Policy Advisor - Caribbean	The Nature Conservancy (TNC)	4590 Deer Bonn Rd Keswick VA 22947 Tel: (434) 977-1656 Fax: (434) 977-1656 <a href="mailto:rweary@tnc.org">rweary@tnc.org</a>
Charmaine Gomes	Environmental Affairs Officer	UN – Economic Commission for Latin American and the Caribbean (UN-ECLAC)	Environmental Affairs Lane Port of Spain, Trinidad & Tobago Tel: (868) 623-5595 <a href="mailto:charmaine.gomes@eclac.org">charmaine.gomes@eclac.org</a>
Paula Caballero	Regional Technical Advisor International Waters and Land Degradation	UNDP-GEF	IW for LAC BD & LD for the Caribbean, Panama RCU Tel: (507) 302-4571 Fax: (507) 302-4549 <a href="mailto:paula.caballero@undp.org">paula.caballero@undp.org</a>
Vincent Sweeney	Regional Project Coordinator	UNEP/IWCAM	P.O. Box 1111 Castries, St. Lucia Tel: (758) 452-2501 Fax: (758) 453-2721 <a href="mailto:Vincent.Sweeney@unep.org">Vincent.Sweeney@unep.org</a>
Alessandra Vanzella-Khoury	Programme Officer	UNEP Caribbean Environment Programme	14-20 Port Royal St. Kingston, Jamaica Tel: (876) 922-9267 Fax: (876) 922-9292 <a href="mailto:Avk.uneprcuja@cwjamaica.com">Avk.uneprcuja@cwjamaica.com</a>

### **IOCARIBE CARIBBEAN LME PROJECT OFFICE**

<b>Name</b>	<b>Post</b>	<b>Contact Information</b>
Lucia Fanning	Project Manager IOCARIBE CLME Project Unit	Centre for Resource Management and Environmental Studies University of the West Indies, Cave Hill Campus Barbados Tel: (246) 417-4565 Fax: (246) 424-4204 Lucia.fanning.cavehill.uwi.edu <a href="mailto:lucia.fanning@gmail.com">lucia.fanning@gmail.com</a>
Bertha Simmons	Assistant Project Manager IOCARIBE CLME Project Unit	Centre for Resource Management and Environmental Studies University of the West Indies, Cave Hill Campus Barbados <a href="mailto:clme@uwichill.edu.bb">clme@uwichill.edu.bb</a>
Robin Mahon	Director, CERMES, UWI and Regional Project Coordinator, IOCARIBE CLME Project Unit	Centre for Resource Management and Environmental Studies University of the West Indies, Cave Hill Campus Barbados Tel: (246) 417-4570 Fax: (246) 424-4204 <a href="mailto:rmahon@caribsurf.com">rmahon@caribsurf.com</a>

## IOC SECRETARIAT FOR THE CARIBBEAN AND ADJACENT REGIONS

Name	Post	Contact information
Cesar Toro	IOCARIBE IOC (UNESCO) Secretary for IOCARIBE	Centro, Calle de la Factoria # 36-57 Apartado Aéreo 1108 Cartagena de Indias, Colombia Tel: (575) 664-6399 Fax: (575) 660-0407 <a href="mailto:c.toro@unesco.org">c.toro@unesco.org</a>
Julieth Castillo	IOCARIBE Assistant Secretariat	Centro, Calle de la Factoria # 36-57 Apartado Aéreo 1108 Cartagena de Indias, Colombia Tel: (575) 664-6399 Fax: (575) 660-0407 <a href="mailto:iocaribe@enred.com">iocaribe@enred.com</a>
Bianis Palacios	IOCARIBE Administrative Assistant	Centro, Calle de la Factoria # 36-57 Apartado Aéreo 1108 Cartagena de Indias, Colombia Tel: (575) 664-6399 Fax: (575) 660-0407 <a href="mailto:iocaribe@enred.com">iocaribe@enred.com</a>
Centro, Calle de la Factoria # 36-57 Apartado Aéreo 1108 Cartagena de Indias, Colombia Tel: (575) 664-6399 Fax: (575) 660-0407 <a href="mailto:iocaribe@enred.com">iocaribe@enred.com</a>	Centro, Calle de la Factoria # 36-57 Apartado Aéreo 1108 Cartagena de Indias, Colombia Tel: (575) 664-6399 Fax: (575) 660-0407 <a href="mailto:iocaribe@enred.com">iocaribe@enred.com</a>	Centro, Calle de la Factoria # 36-57 Apartado Aéreo 1108 Cartagena de Indias, Colombia Tel: (575) 664-6399 Fax: (575) 660-0407 <a href="mailto:iocaribe@enred.com">iocaribe@enred.com</a>
Patricia Wills	IOCARIBE Assistant Secretary	Centro, Calle de la Factoria # 36-57 Apartado Aéreo 1108 Cartagena de Indias, Colombia Tel: (575) 664-6399 Fax: (575) 660-0407 <a href="mailto:iocaribe@enred.com">iocaribe@enred.com</a>