

Narrative Progress Report

(26 April 2010)

Project Title: SPINCAM

Target Country or Region: Latin America, CPPS (Panama, Peru, Chile, Colombia, Ecuador)

Budget code: 513RLA2004

Contract number:

Funding sources: Flemish Government of Belgium

Total Budget approved: US\$ 770,000 (incl. 10% overhead costs)

Reporting Period: February 09-April 10

Executing Agency: UNESCO

Implementing partners: UNESCO Headquarters (IOC) and UNESCO fields offices in Ecuador, CPPS

Project starting date: 21/03/2008 (date of project approval)

Project completion date: 31/12/2011

Responsible Sector: UNESCO Science Sector

Name of Persons completing Report:

J. Barbieri (SC/IOC)

I. Summary and Background

The project aims to establish an ICAM indicator framework in each country of the Southeast Pacific region (Chile, Colombia, Ecuador, Panama and Peru), focused on environmental and socio-economic conditions within the context of sustainable development and integrated coastal area management. The application of a harmonized methodology and the development of a set of indicators among the participating countries will permit the calculation of a core set of common indicators at regional level. In addition, information systems will be built at national and regional level, which will support both the development of the indicators and dissemination of the results. Special attention will focus on how indicator-based information is communicated to a wide audience, including technicians and various coastal stakeholders. This will be done through the development of fact sheets and score cards on each indicator and the development of a State of Coast report/Coastal Atlas at national level. The implementation of this initiative will give support to the implementation and sustainability of ICAM in the region. The project is expected to be implemented over a 3 years period. The goals of the SPINCAM Project is :

- (i) Establish an indicator framework in each country focusing on the state of the coastal and marine environment and socio-economic conditions, which will provide stakeholders

with information on the sustainability of existing and future coastal management practices and development.

- (ii) Build information systems at national and regional level that support the development of indicators, their spatial representation, and the dissemination of ICAM resources and experiences (including the communication format(s) and strategy).

II. Description of project activities undertaken during the reporting period

National Workshops

The aim of the national workshops was to define national ICAM indicator frameworks in the context of the SPINCAM project. In these workshops national institutions committed to establish methodologies to develop each indicator and to report to the Group on Data and Information Management. The date and venue of the workshops carried out by countries are shown below:

COUNTRY	VENUE	DATE
Colombia	Parque Aeronauta, Centro Internacional de Agricultura Tropical-CIAT. Cali	2-3/Jul/2009
Ecuador	Hotel Howard Johnson. Salón Valdivia. Manta	6-7/Jul/2009
Perú	Centro Naval de San Borja. Distrito San Borja. Lima	9-10/Jul/2009
Chile	Servicio Hidrográfico y Oceanográfico de la Armada de Chile-SHOA, Valparaíso	17-18/Aug/2009
Panamá	Hotel Plaza Paitilla Inn. Panama City	20-21/Aug/2009

1st Technical Regional Workshop and 2nd meeting of the Steering Committee

The Regional workshop and the Steering Committee meeting were organized in Lima, Peru 20 October – 22 October 2009, jointly with IMARPE, CPPS, Government of Flanders, IODE, IOC, National Focal Points, National Technical Focal Points and NODC representatives of the SPINCAM project.

The main purpose of the 1st regional technical workshop was to come up with a common set of indicators that all five SPINCAM countries would agree to measure through an agreed methodology and scale of measurement. The countries presented their achievements from the last months in selecting their national indicators, while CPPS and IOC presented their latest activities and gave guidance for the selection of the regional indicators. Finally 5 regional indicators were selected. IODE also presented the next steps to be followed for the data treatment and the creation of the SPINCAM Atlas. During the 2nd meeting of the Steering Committee of SPINCAM a list of decisions were taken as follows:

- 1) *The 5 regional indicators selected during the 1st regional technical Workshop of SPINCAM were agreed and each country was in charge of coordinating one of them:*
- 2) *Upcoming events were planned*
- 3) *CPPS was selected as regional coordinator of the SPINCAM Atlas*
- 4) *The possible extension of the project will be discussed in the 3rd meeting of the Steering Committee*

- 5) *A meeting will be planned to discuss the possibility of submitting a new proposal to continue the SPINCAM project*
- 6) *New proposals will be submitted at national level*
- 7) *The Lima Convention will be consider in relation to the SPINCAM framework: political support is requested at high level and possible addendum to complete the ICAM*
- 8) *The new chronograms and budget of the SPINCAM project were approved.*
- 9) *Link-up with ICAM networks by establishing national and international agreements*

List of performed and in progress activities by Work Plan

WP 1	COORDINATION	
	Item	STATUS
	1. First meeting of the Steering Committee (June 2008, Guayaquil, Ecuador)	Done
	2. Second meeting of the Steering Committee (October 2009, Perú)	Done
WP 2	DATA MANAGEMENT	
	Task	STATUS
1	Identify 5 regional indicators and national indicators	Done
2	Identify related parameters	Done
3	Identify national partners/ data providers/ info managers	In progress
4	Ensure buy-in of national partners	In progress
5	Identify users and required user products	In progress
6	Identify SPINCAM institutional coordinator and technical focal points (DM, IM) for each national partner	In progress
7	Assess national/institutional capacity building needs + training plan	In progress
WP 3	NATIONAL INDICATORS DEVELOPMENT	
	Activities	STATUS
	1. Generate a reference methodological framework to evaluate the effectiveness of ICZM at national level	Done
	- National workshop to define reference framework and to evaluate the proposed indicators	Done
	2. Development of common methodology and formats among the participating countries to calculate indicators	In progress
	- Definition of the methodology and formats for the calculation of indicators	In progress
WP 4	REGIONAL INDICATORS DEVELOPMENT	
	Item	STATUS
	1. Identification of common regional indicators	Done
	- 1st Regional technical workshop (evaluation of the original set of indicators at regional level based on the national inventories), Venue : Perú	Done
	2. Dissemination /communication	
	- Development and maintenance of a regional website	Done
	- Translation of IOC ICAM Handbook in Spanish	Done
	- Outreach materials (brochure, posters, CDs, etc)	Done

III. Difficulties and Problems encountered and measures taken, any changes in implementation.

- The project implementation has been delayed at the request of the National Focal Points since they have not been able to incorporate the SPINCAM project within its institutional planning for year 2009. It is required a higher level of commitment by the National Focal Points to incorporate the agreed schedule, which not always suit their needs and institutional capacities.
- There were difficulties in transferring money to Ecuador and Chile. Other countries such as Panama and Colombia received funds indirectly through agencies associated to national institutions. However, in the latter cases, there was an additional fee for administrative costs not covered by the project and finally assumed by the national focal point.
- In some countries there were changes in the staff of the SPINCAM National Focal Points, which causes delay in some activities.

IV. Project Results achieved during the reporting period

See Section II above for details. The project objectives and workplan have now been accepted by all partners.

V. Lessons learned and Sustainability

The main lessons learned this period of SPINCAM life are:

- i) the importance to identify the right people that should attend the workshops and participate in the project from a technical and general point of view;
- ii) the significance of reinforcing the national institutional networks;
- iii) the necessity to take into account internal political and administrative issues when planning the activities and;
- iv) the need for flexibility when working with five different countries.

VI. Evaluation recommendations when applicable

Evaluation recommendations will be made once all project components have been finalized.

VII. Visibility: describe any visibility action implemented during the reporting period

The results of the SPINCAM meetings and announcement of the project have been widely disseminated through the CPPS, ICAM and IODE networks

VIII. Work plan for the following period (please complete the attached table and when applicable add an eventual budget revision)

(Attached. Annex 3 and Annex 4 of the 2nd Steering Committee Report)

IX. Annexes (publications , reports and other project outputs, when applicable)

- 2nd Steering Committee Report
- CPPS Progress Report



Intergovernmental
Oceanographic
Commission



Permanent
Commission for the
South Pacific



Government of
Flanders

2nd Meeting of the Steering Committee of the Southeast Pacific data and Information Network in support to Integrated Coastal Area Management (SPINCAM Project)

22 October 2009
Lima, Perú

Summary Report

1. OPENING

The 2nd meeting of the Steering Committee of the SPINCAM project took place on 22 October 2009, following the 1st SPINCAM Technical Regional Meeting held on 20-21 October, 2009, in Lima, Perú. The IOC representative and project manager, Mr. Julian Barbière, and Mr. Fernando Félix, Regional Coordinator of the Southeast Pacific Action Plan of CPPS and SPINCAM regional coordinator, opened the meeting at 9 am. The list of participants is included in Annex 1.

Mr Piero Villegas, representative of IMARPE acted as chairperson for the duration of the session. The agenda (Annex 2) was adopted and Mr Barbière reminded the main objectives of the meeting as follows:

- To review the Work Packages activities, products and milestones,
- To review the SPINCAM timeline and budget,
- To review the project coordination mechanisms including administrative arrangements,
- To discuss overall project strategy, sustainability and partnership.

2. REVIEW OF WORK PACKAGES ACTIVITIES, PRODUCTS, MILESTONES AND RESPONSIBILITIES.

Work package 2: Information and Data Management

It was agreed to start discussing Work Package 2 for which the activities timeline had not yet been defined in detail since most of its activities are depending upon the implementation of some of the national activities under Work package 3.

Mr. Peter Pissierssens (IOC/IODE) presented this item. He pointed out that after the regional workshop this package had to be modified and adapted, and proposed the following steps to be taken as the main priority for WP2:

1. set up national coordination mechanism
2. set up national operational architecture
3. inventory of existing data and information
4. mine, process and archive data and information
5. atlas development
6. atlas launch

The discussion of the WP2 activities and timeline was carried out taking into account the capacity of each country. Each national FP should define internally, the amount of data that will need to be managed (which also relates to the staff capacity and availability), and the cooperation and coordination model they will use. The Steering Committee confirmed that CPPS could be an appropriate host for the Regional Atlas once it is developed, and a new regional workshop to agree on a unified metadata structure was also planned in May-June 2010 in Guayaquil.

Once the national indicators will have been selected, each country will have to assess national institutional capacity building needs and produce a training plan to be funded under WP2. This plan should be sent to IODE in the first quarter of 2010 so the implementation of the data management training activities can be started. When all training plans will have been received, the overall budget and work plan activities (as presented in the annex of this report) may need to be adjusted accordingly.

Work package 3: National Indicator development

For Work Package 3, the activities and their sequence were still considered valid. A discussion took place on the project's end products to be developed at national level, ie. the National Atlas and the National Brochure/report displaying the indicators and explaining their meaning in relation to the state of coastal resources and implementation of coastal management initiatives.

The importance of the national indicators activities was stressed and these should be seen as the main outputs of the SPINCAM project. Each country agreed to a schedule for finalizing the list of national indicators and the template containing information on methodology, format.

Each country will have to decide which institutions will host the National Atlas. The importance of developing outreach activities during the whole project was reiterated, not just only at the end of the report. In this respect, countries expressed their commitment to disseminate the SPINCAM achievements and goals at different levels (decision-makers and society). The necessity of improving coordination between SPINCAM National Focal Points and data holding institutions was highlighted as crucial in the next stage of the project.

Work package 1: Project coordination

New responsibilities for the National Focal points and National Technical Focal Points were confirmed:

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During the discussion of the activities it was agreed to have a 3rd meeting of the Steering Committee in Colombia in October 2010. This meeting will agree the venue and dates of the last regional meeting and the end-of-project symposium. Proposals will be requested by the Secretariat in advance of the 3rd Steering Committee.

Due to the time that some of these updated activities will require, and the fact that some countries are ongoing political changes that may cause delays in the implementation of the initial workplan, the Steering Committee requested a no-cost project extension to the Flemish Government. Mr. Rudy Herman, Flanders representative stated that a 6 month extension was agreeable in view of terminating the Project by December 2011.

An organigram for the project will be prepared, indicating the focal points and role of IODE, ODINCARSA, CPPS, and IOC.

Work package 4: Regional Indicators

Based on the approach presented at the regional workshop, all countries agreed that the most pragmatic and efficient ways to develop a set of regional indicators was to limit itself to a small numbers of indicators that all countries will be measuring using the same methodology and format of presentation. A set of 5 indicators were agreed as the regional indicators that would eventually be included into the Regional Atlas.

Regarding the 5 regional indicators that had been selected in the regional workshop, the Steering Committee agreed with them in addition to the responsible countries:

Regional Indicator	Responsible
Marine Protected areas:	ECUADOR
Population dynamics:	PANAMÁ
Planning tools and marine-coastal management for integrated coastal zone management:	CHILE
Water Quality:	COLOMBIA
Biodiversity:	PERÚ

Each of these countries will have the role to coordinate one of these indicators and to facilitate the regional dialogue for completing individual indicators outline. It was also reminded the importance of communicating with the ODINCARSA/IODE network. The development of the Regional indicators will be handled through CPPS, ODINCARSA and NODC on behalf of the others. This process of developing templates of the 5 indicators (which began in the regional workshop) need to be continued and completed by end of the year.

Countries were also invited to assist in populating the project website (www.spincamnet.net or www.spincamnet.org) by submitting relevant national reports/documents on coastal policy, issues and information, already publicly available. This would help building electronic library on these topics. In the meantime, it was suggested to include more documentation developed at national and international level related to ICAM as well as links to national and international websites. The participants showed their agreement to also promote the SPINCAM website through their own institutions websites and to continue using the virtual office (<http://spincam.basecampHQ.com>) as an internal communication mechanism for the SPINCAM project participants. It was proposed to make new connections with other networks and partnerships related to ICAM in order to unify efforts in coastal management and share experiences. The coordinators of SPINCAM offered to provide copies of the Handbook of Indicators ("A Handbook for Measuring the Progress and Outcomes of Integrated Coastal and Ocean Management" IOC Manuals and Guides, 46) translated into Spanish to those who may require it.

During the discussion of the activities it was also decided that SPINCAM National Focal Points will brief their National Delegations attending the Lima Convention meeting and will request that a process leading to a new addendum and/or revision of the protocol of LIMA convention, on ICAM should be initiated. The example of the ICM protocol to the Barcelona Convention was considered very positively.

The Steering Committee identified a number of international initiatives addressing the issue of coastal management/tools and invited the SPINCAM Secretariat to establish technical cooperation with these potential partners. These included for eg. COLAGMAR, INVERMAR, COASTMAN, and ICAN (International Coastal Atlas Network).

3. REVIEW OF THE SPINCAM TIMELINE AND BUDGET

For all the Work packages the timeline and updated budget was also reviewed. An overall plan of SPINCAM work packages is attached in Annex 3. The approved budget was agreed and it is attached in Annex 4. As a result of all the adjustments in the activities of WP2, it was agreed to increment the budget for this package.

4. DECISIONS OF THE 2nd MEETING OF THE STEERING COMMITTEE OF SPINCAM

The decisions taken during the 2nd meeting of the Steering Committee of SPINCAM are summarized below:

- 1) *The 5 regional indicators selected during the 1st regional technical Workshop of SPINCAM were agreed and each country was in charge of coordinating them respectively:*

Marine Protected areas:	ECUADOR
Population dynamics:	PANAMÁ
Planning tools and marine-coastal management for integrated coastal zone management:	CHILE
Water Quality:	COLOMBIA
Biodiversity:	PERÚ

2) *The following upcoming events were planned:*

- End of January 2010: final list of national indicators and methodological outlines, regional indicator outlines
- May-June 2010 (Guayaquil): New technical regional workshop to address the metadata format (WP2)
- 2nd part October 2010 (Colombia): 3rd meeting of the Steering Committee
- End of 2011: New technical regional workshop to finalize the SPINCAM Regional Atlas
- End of 2011: Symposium end of the SPINCAM project

3) *CPPS was selected as to host the future SPINCAM Regional Atlas. Further assessment of the technical capacity and financial support required should be carried out and presented at the next Steering Committee.*

4) *The 6 month extension of the project was confirmed by the representative of the government of Flanders and it will also be discussed in the 3rd meeting of the Steering Committee. The SPINCAM project will close at the end of 2011.*

5) *A meeting will be planned to discuss the possibility of submitting a new project proposal to continue the SPINCAM project*

6) *New proposals will be submitted at national level*

7) *The Lima Convention will be consider in relation to the SPINCAM framework: political support is requested at high level and possible addendum to complete the ICAM*

8) *The new chronograms and budget of the SPINCAM project were approved.*

9) *Link-up with ICAM networks by establishing national and international partnership*

5. CLOSURE

Mr. Piero Villegas, representative of IMARPE, closed the meeting at 17:00. He thanked the IOC, CPPS and Flanders Government for their support. CPPS and IOC representatives thanked IMARPE for helping in the organization of the meeting and acknowledged the participants for their involvement and work during the meeting.

ANNEX 1

LIST OF PARTICIPANTS

LIST OF PARTICIPANTS

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ANNEX 2

AGENDA

2nd meeting of the SPINCAM Steering Committee

Lima, 22 October 2009

DRAFT AGENDA

TIME	ACTIVITY	SPEAKER
8:30-9:00	Registration	Participants
9:00-9:15	Opening	Project coordinators (CPPS + COI) Flanders Government representative
9:15- 9:30	Organization of the meeting 1) Selection of chairman 2)Adoption of the agenda	Plenary
9:30-10:45	<p>Item 1: Review of Work Packages activities, products and milestones:</p> <p>➤ WP2:</p> <ul style="list-style-type: none"> - Validation of national inventories - Basic national course in data management by IODE - Regional course in data management - National web-based data/information system - Geospatial interface - Course in mapping - Online data/information system to end users - Establishment of online mapping service/ Atlas on line - National and regional directory of ICAM related expertise <p>➤ WP3</p> <ul style="list-style-type: none"> - Indicators calculation: methodology defined - Fact sheets/ State of the Coast report - materials for general public - workshops for local managers <p>➤ WP4</p> <ul style="list-style-type: none"> - Agreed indicators 	IOC, IODE and CPPS

	<ul style="list-style-type: none"> - Online regional ICAM information system open to end user feeding - Regional website - Training manuals in the information system - Outreach material 	
10:45-11:00	<i>Coffee break</i>	
11:00-13:00	Item 1: Review of Work Packages activities, products and milestones (cont)	IOC, IODE and CPPS
13:00-14:30	<i>Lunch</i>	
14:30-15:30	Item 2: Review of SPINCAM timeline and budget	Plenary
15:30-16:30	Item 3: Project management and coordination (WP1)	Plenary
16:30-17:30	Item 4: Other business	Plenary
17:30	Item 5: Closure	Plenary

ANNEX 3

OVERALL SPINCAM WORKPLAN

ANNEX 4

SPINCAM UPDATED BUDGET

WORKPACKAGE 1 - Budget

Item	Responsible entity	UPDATED BUDGET (2009)
1. First meeting of the Steering Committee (June 2008, Guayaquil, Ecuador)	IOC	21870
2. Second meeting of the Steering Committee (October 2009, Perú)	IOC	11000
3. Third meeting of the Steering Committee	IOC	15000
4. Consultation/ coordination Secretaría	IOC	40000
5. Coordination-travels	IOC, CPPS	40000
6. Technical Assistance to national team	IOC/IODE	30 000
7. Miscelneus	IOC, CPPS	8400
TOTAL USD		166,270

WORKPACKAGE 2 - Budget

Status	Task	RESPONSIBLE ENTITY	UPDATED BUDGET (2009)	UPDATED BUDGET (2009) per country
1	Identify 5 regional indicators and national indicators	WS		
2	Identify related parameters	WS		
3	Identify national partners/ data providers/ info managers	NC		
4	Ensure buy-in of national partners	NC/ High level officials		
5	Identify users and required user products	NC/ Dirs instits		
6	Identify SPINCAM institutional coordinator and technical focal points (DM, IM) for each national partner	Dir Instits		
7	Assess national/institutional capacity building needs + training plan	NC/ Dirs instits IODE/ODINCARSA	54000	10800
8	Prepare national directory of institutions and experts	Tech FP IM		
9	Meetings of national SPINCAM coordinating body (data management/info man)	NC	5000	1000
10	Agree on national WP2 work plan	Natl coord body		
11	Identify national SPINCAM data architecture (model 1,2,3) used by countries	National coord body		
12	Identify national SPINCAM data centre	National coord body	5000	1000
13	Prepare top-level catalogue of data holdings (by each partner institution)	Tech FPs	5000	1000
14	Identifying metadata structure used by each partner institution (as applicable)	Tech FPs	5000	1000
15	Identify interoperability issues – recommend/discuss unified metadata structure	Tech FPs/team IODE		

16	Regional meeting to adopt unified metadata structure + parameters standards (May-June 2010)	National technical contacts for WP2 IODE/ODINCARSA CPPS	20000	4000
17	Agree on unified metadata structure (profile) – compliant with international standards + parameters standards----INPUT REQUIRED FROM IOC/IODE-----Note: ODINCARSA: ensure the IODE experts in the countries are involved as they are also ODINCARSA partners	tech team IODE	5000	1000
18	Populate national metadata base	NFP/Tech FP	5000	1000
19	Select suitable data sets for processing + geographic scope and scale (areas should be comparable between countries)	Tech FP DM	5230	1046
20	Establish ODP national data provider nodes	Tech FP	15000	3000
21	Prepare national e-repository----ODINCARSA/IODE MIM coordinators	Tech FP IM	5000	1000
22	Process data sets and archive : input required from IODE on formats, best practices and standards (examples)	Data managers	7500	1500
23	Prepare shapefiles	Tech FP DM	2500	500
24	Agree on mapping technology	National coord body + Tech FPs		
25	Prepare national prototype atlas	Tech FPs	30000	6000
26	Identify regional Atlas host (CPPS Secretariat; mirror hosted by IOC/IODE)	Steering Committee	5000	1000
27	Startup regional e-repository	Tech FPs/ Regl centre	5000	1000
28	Test metadatabase interoperability (harvesting technology)	Tech FPs/ Regl centre		
29	Regional meeting on prototype atlases/ e-repositories	Tech FPs/ Regl centre	20000	4000
30	Startup regional Atlas service/ data portal	Tech FPs/ Regl centre	14000	2800
31	Regional meeting: assessment of results/ future plans (sustainability)	All	20000	4000
TOTAL USD			233,230	46,646

WORKPACKAGE 3 - Budget

Activities	UPDATED BUDGET (2009)	UPDATED BUDGET (2009) per country
1. Generate a reference methodological framework to evaluate the effectiveness of ICZM at national level		
- National workshop to define reference framework and to evaluate the proposed indicators	20000	4000
- Inventory of data (now WP2)	0	
- National workshop to validate the indicators	15000	3000
2. Development of common methodology and formats among the participating countries to calculate indicators		
- Definition of the methodology and formats for the calculation of indicators	15000	3000
3. Calculation of indicator values		
- Calculation of indicator values	15000	3000
4. Communicate the indicators' results to a wide public (not only specialists)		
- Technical Workshop to define the sheets and the Report of the State of the Coast together with the policymakers	15000	3000
- Production of the sheets and the Report of the SoC	45000	9000
- Technical and Political Conference	20000	4000
5. Design, produce and promote educative and diffusion material for population's qualification		
- Development of public awareness materials on subjects related to ICAM	30000	6000
- Workshops to local actors	17500	3500
TOTAL USD	192,500	38,500

WORKPACKAGE 4 - Budget

Item	Entity responsible	UPDATED BUDGET (2009)
1. Identification of common regional indicators		
- 1st Regional technical workshop (evaluation of the original set of indicators at regional level based on the national inventories), Venue : Perú	CPPS/IOC	20 000
- 2nd Regional technical workshop to finalize regional indicators (Aggregation of indicator values of the common set of indicators) Venue : To be identified	CPPS/IOC	0
2. Dissemination /communication		
- Development and maintenance of a regional website	CPPS	15000
- Regional stocktaking exercise to identify ICAM information and resources to be made available in digital form/ digital depository	CPPS/IOC	0
- Translation of IOC ICAM Handbook in Spanish	IOC	15 000
- Regional Symposium (End of Project)	IOC, CPPS	40 000
- Outreach materials (brochure, posters, CDs, etc)	IOC, CPPS	18 000
TOTALS USD		108,000

SOUTHEAST PACIFIC DATA AND INFORMATION NETWORK IN SUPPORT OF INTEGRATED COASTAL AREA MANAGEMENT (SPINCAM)



**FINAL REPORT IN IMPLEMENTING THE PARTNERSHIP AGREEMENT
UNESCO/CPPS (UNESCO Form 315 B(1.08))**

BY:

**THE PERMANENT COMMISSION FOR THE SOUTH PACIFIC
REGIONAL COORDINATION OFFICE OF THE SPINCAM PROJECT**

MARCH 2010

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1. INTRODUCTION

The Project Southeast Pacific Data and Information Network in Support of Integrated Coastal Area Management (SPINCAM) is being implemented in the South Pacific countries (Chile, Colombia, Ecuador, Panama and Peru) since July 2008. The Project is sponsored by the Government of Flanders through the Intergovernmental Oceanographic Commission of UNESCO (UNESCO-IOC). SPINCAM aims at supporting the implementation and effectiveness of integrated coastal management by improving data and information administration capacity, knowledge, communication and networking at national and regional level and improving the delivery of information on the state of coastal resources and management for the use by all coastal partners.

The project proposal was developed by IOC technicians in consultation with specialists from signatory countries to the Lima Convention and addresses the need to consolidate integrated coastal management processes in the Southeast Pacific region. SPINCAM takes into consideration aspects previously identified and prioritized in the Environmental Management Plan for Coastal and Marine Zones in the Southeast Pacific, adopted during the IV Intergovernmental Meeting of the Parties to the Lima Convention (1991). More recently during the Fourteenth Meeting (2007) member Parties urged their national institutions with competence in marine-coastal issues for an active participation in the SPINCAM Project.

During the First Meeting of the Steering Committee (2008), delegates from the countries agreed to designate the Permanent Commission for the South Pacific (CPPS) - the Executive Secretariat of the Southeast Pacific Action Plan - as the regional coordination institution for the project. The responsibilities assumed by CPPS include: i) ensure overall co-ordination of project implementation, ii) support the implementation of regional activities, iii) ensuring good communication and consultation with national focal points; iv) organizing relevant meetings particularly at regional level; v) Report and disseminate information on project activities; vi) coordinate the development process of a group of regional indicators and vii) developing and maintaining outreach activities to promote the project at the regional and international level.

To begin the project implementation a Partnership Agreement was signed in February 2009 between UNESCO-IOC/CPPS. The Agreement with a scope of one year specifies the role and obligations of UNESCO/IOC and CPPS and contains 15 specific tasks for CPPS related to project coordination.

This report describes the activities of the regional coordination office during the period February 2009-March 2010. It includes an analysis of the difficulties and challenges the implementation of the project faces in the region as well as the report of the Regional Workshop for the Development of Regional Indicators (20-21 October 2009, Lima, Peru) in which countries presented progress reports. Since countries did not meet the deadlines set in the original schedule a new schedule was elaborated during the Second Steering Committee Meeting (22 October 2009) which is currently underway at the time of submitting this report.

2. ACTIVITIES DEVELOPED BY CPPS DURING THE IMPLEMENTATION OF THE SPINCAM PROJECT

This section describes the activities of CPPS between February 2009 and March 2010 in the implementation phase of abovementioned Partnership Agreement. The levels of compliance of the responsibilities assumed by CPPS are summarized in Table 1. Details of the activities and execution dates are included in Annex 1.

The most relevant activities carried out by CPPS in the framework of this project are:

2.1. Partnership Agreement between UNESCO/COI and CPPS.

On February 11th 2009 UNESCO/IOC and CPPS signed the Implementation Partnership Agreement (UNESCO Form 315 B (I.08)) in order to coordinate and expedite funding to implement the SPINCAM project. Dr. Patricio Bernal, Assistant Director-General of UNESCO, and Dr. Gonzalo Pereira, General Secretary of CPPS, signed the document on behalf of their respective institutions.

2.2. Institutional Coordination

CPPS has maintained constant communication with national focal points and technical focal points of the Project via e-mail and through official communications when necessary. National Focal Points of the Southeast Pacific Action Plan are also playing an important role in the project as they are the official communication channel of CPPS with the Parties to the Lima Convention. The Focal Points have the mandate of the Parties to support and strengthen inter-institutional coordination within their countries in support of the work of SPINCAM National Focal Points.

2.3. Organization of regional meetings

In its role as the regional coordination institution, CPPS organized three regional meetings and provided support to the SPINCAM inception meeting (10-11 June, Guayaquil, Ecuador).

1. Workshop on Experiences in Development of Integrated Coastal Management Indicators in South Pacific Countries, September 30-October 1, 2008 Lima, Peru. This meeting, not considered in the schedule of activities of the SPINCAM project was organized and financed by CPPS. The objectives of the meeting were to assess the current state of integrated coastal management processes in the countries of the region to encourage the exchange of experiences between technicians of national institutions in the development of indicators and to promote project ownership between national institutions.

This meeting was an exercise to review the pertinence of indicators as described in the IOC Manual. Delegates recommended the translation of the Manual into Spanish for use in the next phase of the project. The meeting also agreed to initiate activities in January 2009.



photo: regional workshop at the Peruvian Institute of Marine Research (IMARPE) in Lima.

2. Workshop for the Development of Regional Indicators on Integrated Coastal Management in the Southeast Pacific, held on 20-21 October 2009 in Lima, Peru. In this meeting the representatives of the countries presented a progress report of activities undertaken in the first phase of the project such as interagency coordination mechanisms, national coordinating workshops and the identification of national indicators. Based on the work developed at national level, participants agreed on the methodology and formats to work on five identified regional indicators. Each country

assumed the responsibility of working one indicator up to 31st January 2010 according to the following table:

COUNTRY	REGIONAL INDICATOR
Chile	Integrated management tools for coastal-marine areas
Colombia	Water quality
Ecuador	Marine Protected Areas
Panama	Population Dynamics
Peru	Biodiversity

The representatives of the countries committed themselves to identify activities in order to develop capacity building in data processing, according to the needs of each country, to elaborate the regional atlas. The full report of this meeting is sent with this final report in both hard copy and digital version.

3. Second Meeting of the Regional Steering Committee SPINCAM, held on 22 October 2009 in Lima, Peru. At this meeting the activities and budget for the second phase of the project were defined according to the working packages. The meeting also decided on several other issues relevant to the project including commitments to deliver products such as reports on national and regional indicators. Delegates asked the representative of the Government of Flanders for an extension of six months of the project schedule given the delays in starting its activities. The meeting report was elaborated by IOC and hence not included in this report.



Photo: participants in the regional workshops in Lima in 2009.

2.4. Dissemination of SPINCAM activities

The importance and scope of the SPINCAM project has been highlighted by CPPS in several international fora, as well as during the XIV, XV and XVI Meetings of the Parties to the Lima Convention the highest regional coordinating body on environmental issues. The Parties have issued several Decisions regarding the SPINCAM project stressing its importance for the region.



Information of activities are regularly updated in the institutional web site (<http://www.cpps-int.org/spanish/planaccion/spincam.htm>). All meeting reports and publications are also available from the CPPS web site .

Currently, outreach material is being prepared for distribution in the region (brochure and poster).

2.5. IOC Indicators Manual distribution

IOC translated the indicators manual from English into Spanish and circulated a draft version among the focal points of the project for review. In October 2009, 300 copies of the IOC indicators manual in Spanish were printed in Ecuador. Once published the manual was distributed to the countries during the Workshop in Lima (2009) and several issues were mailed according to the following table:



DATE	COUNTRY	INSTITUTION	QUANTITY*
21/10/2009	Chile	DIRECTEMAR	13
21/10/2009	Colombia	INVEMAR	14
21/10/2009	Ecuador	MAE	18
21/10/2009	Panamá	ARAP	13
21/10/2009	Perú	IMARPE	40
21/10/2009		CPPS	5
10/11/2009	France	IOC	118
10/11/2009	Uruguay	IOC	38
28/01/2010	Colombia	MDAVT	15
TOTAL(*)			274

(*) There are 26 books at CPPS.

2.6. Administrative aspects

In implementing the first phase of the project contracts or memoranda of cooperation between CPPS and five SPINCAM National Focal Points were elaborated. Contracts specified the objective, activities, schedule and expected outputs for work packages 2 and 3. They also stipulated the amount and the way the funds would be transferred to each country according to the reports and expected products (35%, 55% and 10%). The dates of the contract signature, and the amounts and date of fund transfers by country are indicated below:

COUNTRY	CONTRACT SIGN	1ST TRANSFERENCE (US \$5,000)	2ND. TRANSFERENCE (US \$8,000)
Chile	-	-	-
Colombia	19/06/2009	18/05/09	20/11/10
Ecuador	16/04/2009	24/06/09	-
Panama	29/05/2009	13/05/09	20/11/10
Peru	26/04/2009	15/05/09	20/11/10

The delay in the transfer of funds was caused by internal legal and administrative processes in each country, as well as restrictions to include cooperation funds directly into their national institution's budgets. In the case of Chile, they have still not been able to sign the contract with CPPS. Ecuador is experiencing similar problems and has asked this coordinating office not to continue with the 2nd disbursement until they define how to deal with this.

Notwithstanding, both countries continue conducting activities with their own funds, pending resolutions of internal administrative bodies.

2.7. Supporting national workshops

CPPS provided guidance and technical support to the SPINCAM National Focal Points for the execution of five national workshops on the development of national indicators as well as some help for the participation of Mr. Stefano Belfiore from IOC in those events. Focal points prepared reports of the workshop, which were included in their progress report presented in the regional meeting in Lima. The date and venue of the workshops carried out by countries are shown below.

COUNTRY	VENUE	DATE
Colombia	Parque Aeronauta, Centro Internacional de Agricultura Tropical-CIAT. Cali	2-3/Jul/2009
Ecuador	Hotel Howard Johnson. Salón Valdivia. Manta	6-7/Jul/2009
Perú	Centro Naval de San Borja. Distrito San Borja. Lima	9-10/Jul/2009
Chile	Servicio Hidrográfico y Oceanográfico de la Armada de Chile-SHOA, Valparaíso	17-18/Aug/2009
Panamá	Hotel Plaza Paitilla Inn. Panama City	20-21/Aug/2009



Photos: national workshops in Panama (left) and Peru (right).

In these workshops national institutions committed to establish methodologies to develop each indicator (sheets) and to report to the Group on Data and Information Management. The list of institutions participating in national workshops is included in Annex 2. In addition, a list of selected indicators to be developed by each country is shown in Annex 3.

At the time of the workshop we noticed a lack of coordination between National SPINCAM Focal Points and national institutions managing relevant data as well as the absence of key institutions such as social organizations. The objective of the national workshops on development of indicators was only partly accomplished although specific topics were agreed to continue the work of the project.

In general we noticed that there is a weak institutional framework on the subject. The necessity to strengthen inter-agency cooperation has been expressed by CPPS in

subsequent regional and national workshops, as this will promote project ownership by national institutions.

Table 1. Summary of the activities accomplished by CPPS in implementing the Partnerships Agreement UNESCO/CPPS.

Assignments related to WP1- Project coordination:	
1. To facilitate and coordinate the implementation of the activities at national level included in the WP2 and WP3.	Done
2. To liaise regularly with the national Focal Points in order to perform the activities.	Done
3. To transfer the budget as agreed in the attached work plan for each activity to the corresponding national project partners.	Done
4. To participate in the project management meetings and steering committee.	Done
5. Promote the project at regional level through CPPS own network and communication/dissemination mechanisms	Done
Assignments related to WP2- Data Management:	
6. To assist with the organisation of national consultation meetings in order to identify data providers and NODC host institutions.	Done
7. To identify IODE National Coordinator for DM and IM.	Done by IOC
8. To inform IOC of the NODC selection	Done by countries
9. To assist with the creation and meetings of national Data & Information Management (10 pax) coordination groups.	In progress
10. To identify institutional metadata systems and conduct preliminary inventory of existing data.	In progress by countries
Assignments related to WP3- National Indicator Development:	
11. Coordinate and assist with the organisation of National workshops	Done
12. To support the definition of common methodology and formats to calculate indicators among the participating countries.	In progress
13. To support the calculation of the indicators by each country.	In progress
Assignments related to WP4 – Regional Activities:	
14. To organize the 1st Regional Technical Workshop in Perú	Done
15. To prepare outreach materials (brochure, posters, CDs, etc)	In progress

3. BUDGET

Income:

Of the total amount of funds established in the Cooperation Agreement UNESCO/IOC/CPPS (US \$113,000) CPPS has received US \$104,000 in two disbursements according the following table.

ITEM	TOTAL US\$
1 st disbursement (31/03/2009)	34,000.00
2 nd disbursement (21/10/2009)	70,000.00
TOTAL US \$	104,000.00
3rd disbursement (PENDANT)	9,000.00
TOTAL US \$	113,000.00

Costs:

The following table summarizes the expenses incurred during the agreement implementation period (February-2009-4 March 2010). A complete financial report including the proper documentation is being sent in a separated document with this report.

ITEM	TOTAL US\$
1. Project coordination	
• Tickets and DSA	8,072.93
• Administration	
- Communications and miscellaneous	2,557.80
- Bank costs	1,488.00
- Computers	2,338.67
2. Transference to countries for national activities	
• Chile	
• Colombia	13,000.00
• Ecuador	5,000.00
• Panamá	13,000.00
• Perú	13,000.00
3. Regional workshop	20,475.98
4. Outreach (Publication and diffusion IOC Manual)	6,285.84
5. Remaining costs	
• Transference to countries for national activities	28,500.00
TOTAL COSTS US \$	113,719.22

Unforeseen

In addition to the activities established in the agreement CPPS was engaged in two additional activities: the organization of the Second Meeting of the Steering Committee and the publication and dissemination of the IOC manual. The following table shows unforeseen costs incurred in these activities.

ITEM	TOTAL US\$
1. II Meeting Steering Committee (Oct 2019)	5,077.21
2. Outreach material and diffusion (brochure and poster)	2,000.00
3. Difference in favor CPPS after the balance (see above)	719.22
TOTAL COSTS US \$	7,796.43

4. PROJECT PROGRESS AND FUTURE TASKS

The state of progress of the SPINCAM project and future activities according to the timetable adopted during the II Steering Group Meeting (October 2009) is shown in Annex 4. Countries have continued working in both national and regional indicators. Several national meetings have been carried out between January and March 2010 and information has been submitted through the virtual office.

5. DIFFICULTIES DURING THE IMPLEMENTATION

- The project implementation has been delayed at the request of the National Focal Points since they have not been able to incorporate the SPINCAM project within its institutional planning for year 2009. It is required a higher level of commitment by the National Focal Points to incorporate the agreed schedule, which not always suit their needs and institutional capacities.
- There were difficulties in transferring money to Ecuador and Chile. Other countries such as Panama and Colombia received funds indirectly through agencies associated to national institutions. However, in the latter cases, there was an additional fee for administrative costs not covered by the project and finally assumed by the national focal point.
- In some countries there were changes in the staff of the SPINCAM National Focal Points, which causes delay in some activities.

6. RECOMMENDATIONS FOR THE NEW PHASE

- The implementation of the SPINCAM project imposes significant challenges for the participating countries since in most cases no specific agency for integrated coastal management office exist or their institutional framework are still weak. Therefore, countries need to strengthen inter-agency cooperation through agreements at the highest political level among institutions with competence in coastal-marine issues to ensure maximum cooperation and mainstreaming the project into institutional planning. This is also an effective way to develop a sense of ownership within the national institutions participating in the project.
- There is a need to prepare outreach material for different users showing the importance of assessing coastal-marine management through indicators that can be measured in the long-term. Each country must prepare such material for dissemination according their needs.
- To comply with Decision No. 7 of the XVI Meeting of the Parties to the Lima Convention, which urged the National Focal Points of the Southeast Pacific Action Plan, the Executive Secretariat and SPINCAM National Focal Points to implement the decisions of the II Steering Committee Meeting and fulfill with deadlines established in the new project schedule.
- To urge some countries to define mechanisms to deal with a procedure of receiving funds from international cooperation to facilitate money transfers by CPPS.

ANNEX 1

ACTIVITIES CARRIED OUT BY CPPS

Paquetes de Trabajo	Actividades CPPS	2009												2010		
		3	4	5	6	7	8	9	10	11	12	1	2	3		
WP1	Coordinación del Proyecto															
	Difusión del alcance del proyecto y actividades realizadas a través de la Web institucional (CPPS)															
	Elaboración del contrato de Implementación del Proyecto para los Puntos Focales Nacionales SPINCAM															
	Firma de Contratos para Implementación del Proyecto															
	Contrato PFN Chile: Pendiente de firma															
	Contrato PFN Ecuador: 16/04/2009															
	Contrato PFN Perú: 26/04/2009															
	Contrato PFN Panamá: 29/05/2009															
	Contrato PFN Colombia: 19/06/2009															
	Transferencia de fondos para la implementación del proyecto de acuerdo a planes de trabajo establecidos en contratos															
	1ra Transferencia: PFN Chile (Pendiente de transferencia)															
2da Transferencia: PFN Chile y PFN Ecuador (Pendiente de transferencia)																
WP3	Apoyo en el Desarrollo de Indicadores Nacionales															
	Apoyo en Talleres Nacionales para definir marcos de referencia, para revisar y validar los indicadores para manejo costero integrado a nivel nacional															
	Colombia: 2-3/07/2009															
	Ecuador: 6-7/07/2009															
	Perú: 9-10/07/2009															
	Chile: 17-18/08/09															
	Panamá: 20-21/08/2009															
	Informe financiero y de Avance: 14/09/2009															
WP4	Indicadores Regionales de ICAM, comunicación, difusión y formación															
	Información de actividades del proyecto a través de la Web institucional (CPPS), circulares, comunicaciones															
	Participación en Taller Regional sobre Indicadores Regionales: 20-21/10/2009															
	Manual de COI traducido y difundido: Chile, Colombia, Ecuador, Panamá, Perú, Francia, Uruguay															
	Informe financiero y final: Marzo/2010															

ANNEX 2

LIST OF INSTITUTIONS AND PARTICIPANTS IN NATIONAL WORKSHOPS

PAIS	PUNTOS FOCALES	INSTITUCIONES PARTICIPANTES	COI	CPPS
Colombia	Dra. Paula Sierra, Coordinadora Programa de Investigación para la Gestión Marina y Costera – GEZ, INVEMAR, Pilar Lozano, Coordinadora Línea Análisis Integrado de Información- LAI y Andrea Ramírez del Ministerio de ambiente, vivienda y desarrollo territorial– MAVDT	Centro Control Contaminación del Pacífico–CCCP, Comisión Colombiana del Océano–CCO, Corporaciones autónomas regionales y de desarrollo sostenible–CARs, Parques Naturales de Colombia–UAESPNN, Instituto Colombiano para el Desarrollo Rural - Instituto Colombiano Agropecuario - INCODER-ICA, Instituto de Investigaciones Marinas y Costeras “José Benito Vives de Andreis”– INVEMAR, Departamento Nacional de Planeación –DNP, Instituto de Investigaciones Ambientales del Pacífico– IIAP, Instituto de Hidrología, Meteorología y Estudios Ambientales de Colombia– IDEAM, Departamento Administrativo Nacional de Estadística de Colombia–DANE, Corporación Colombiana Internacional–CCI, Universidad de Bogotá Jorge Tadeo Lozano–UJTL, Universidad del Magdalena–Unimag, Universidad Santiago de Cali- USantiago de Cali, Universidad del Norte–UNINORTE, Universidad del Valle–Univalle, Universidad del Pacífico–UniPacífico, Universidad de Antioquia–UdeA, Universidad de los Andes–UniAndes, Iniciativa Latinoamericana y Caribeña para el Desarrollo Sostenible: Indicadores de seguimiento–ILAC, Red de Instituciones y Expertos en Estadísticas Sociales y de Medio Ambiente de América Latina y del Caribe–REDESA, Sistema de Información del Medio Ambiente–SIMA, Sistema de Información Ambiental Marino–SIAM, Museo de Historia Natural Marino de Colombia–MHNMC, Sistema de Información de arrecifes coralinos de Colombia–SIMAC, Natural Geography of Shore Areas–NAGISA, Mapa de Ecosistemas continentales, costeros y marinos de Colombia–MEC, Sistema Nacional de Información Oceánica y Costera–SINOC	No se contó con la asistencia de delegado	M.Sc. Magaly Valencia (Asistente del Plan de acción)
Ecuador	Blgo. Eduardo Molina del Proyecto de Manejo de Recursos costeros–PMRC Subsecretaría de Gestión Ambiental Costera del Ministerio del Ambiente	Ministerio de Turismo, Secretaría Nacional de Planificación y Desarrollo- SENPLADES, Instituto Oceanográfico de la Armada - INOCAR, Subsecretaría de Recursos Pesqueros–SRP, Escuela Superior Politécnica–ESPOL, Universidad Técnica de Manabí–UTM, Pontificia Universidad Católica del Ecuador–PUCE, y la Universidad Laica Eloy Alfaro de Manabí–ULEAM	Dr. Stefano Belfiore	M.Sc. Magaly Valencia (Asistente del Plan de acción)
Perú	Calm. Héctor Soldi, Dra. Guadalupe Sánchez, Blgo. Piero Villegas del Instituto del Mar del Perú–IMARPE	Ministerio de la Producción–PRODUCE, Ministerio de Ambiente–MINAM, Ministerio de Educación–MINEDU, Dirección de Hidrografía de la Marina de Guerra del Perú–DIHIDRONAV, Dirección General de Salud Ambiental–DIGESA, Ministerio de Relaciones Exteriores–RREE, Gobierno Regional del Callao–GRC, Instituto peruano de energía nuclear–IPEN, Ministerio de Vivienda, Dirección General de Capitanías y Guardacostas, Municipalidad del Callao, Organización	Dr. Stefano Belfiore	M.Sc. Magaly Valencia, Asistente del Plan de acción

		no gubernamental Vida		
Chile	Calm. Carlos de la Maza, Secretario Téc. de la Comisión Nacional de Uso del Borde Costero de Chile, Rodrigo Guijón Asesor Punto Focal Técnico SPINCAM en Subsecretaría de Marina	Comisión Nacional de Medio Ambiente-CONAMA, Dirección General del Territorio Marítimo y Marina Mercante-DIRECTEMAR, Instituto de Fomento Pesquero-IFOP, Instituto Nacional de Estadísticas-INE, Ministerio de Bienes Nacionales-MBBNN, Servicio Nacional de Pesca-SERNAPESCA, Servicio Nacional de Turismo-SERNATUR, Servicio Hidrográfico y Oceanográfico de la Armada de Chile-SHOA, Subsecretaría de Desarrollo regional y Administrativo-SUBDERE, Subsecretaría de Pesca-SUBPESCA, Subsecretaría de Marina-SUBMARINA	Dr. Stefano Belfiore	M.Sc. Magaly Valencia, Asistente del Plan de acción
Panamá	Rozío Ramírez del Departamento de Manejo Costero Integral de la Autoridad de los Recursos Acuáticos de Panamá-ARAP y consultor contratado Marcos Pitty	Autoridad del Canal de Panamá, Autoridad Nacional del Ambiente, Instituto de Investigaciones Tropicales (Smithsonian), Contraloría General de la República, Instituto de Geociencias, Centro de Ciencias del Mar y Limnología de la Universidad de Panamá	Dr. Stefano Belfiore	Dr. Fernando Félix, Coordinador Regional del Plan de Acción

ANNEX 3

NATIONAL INDICATORS SELECTED BY COUNTRIES

GOVERNANCE

Metas	Código	Indicador	Chile	Colombia	Ecuador	Panamá	Perú	Puntos	Regional
Coordinación	G.1	Mecanismo de coordinación	■	■	■	■	■	5	□
	G.2	Legislación	■	■	■	■		4	
	G.3	Valoración medioambiental	■	■	■	■	■	5	□
	G.4	Mecanismo de resolución de conflictos	■			■	■	3	
Manejo	G.5	Planes de manejo integrado de las zonas costera y de las cuencas hidrográficas	■	■		■		3	
	G.6	Manejo activo		■				1	
	G.7	Monitoreo y evaluación	■					1	
	G.8	Recursos humanos, técnicos y financieros	■			■	■	3	
Información	G.9	Insumos procedentes de la investigación científica y disseminación de la información	■	■			■	3	
	G.10	Participación de las partes interesadas y sensibilización pública	■	■			■	3	
	G.11	Actividad de ONGs y OBCs	■	■				2	
	G.12	Formación y capacitación	■	■	■	■		4	
Herramientas	G.13	Tecnología	■	■				2	
	G.14	Instrumentos económicos	■					1	
	G.15	Incorporación de ICOM en una estrategia de desarrollo sostenible	■			■		2	
	G.16	Participación en iniciativas internacionales relativos a ICOM y influencia sobre el proceso de ICOM	■	■				2	
TOTAL			16	11	4	8	6		

ECOLOGIC

Metas	Código	Indicador	Chile	Colombia	Ecuador	Panamá	Perú	Puntos	Regional
Organización	E.1	Diversidad	■	■	■	■	■	3	
	E.2	Distribución	■	■			■	5	□
	E.3	Abundancia	■	■	■		■	4	
Vigor	E.4	Producción y reproducción	■	■				3	
	E.5	Interacciones tróficas	■					1	
	E.6	Mortalidad	■	■		■		3	
Calidad	E.7	Salud de las especies	■	■		■	■	4	
	E.8	Calidad del agua	■	■	■		■	4	
	E.8a	Variabilidad oceanográfica	■	■				4	
	E.9	Calidad del hábitat	■	■		■	■	4	
TOTAL			10	9	3		6		

SOCIOE-CONOMICS

Metas	Código	Indicador	Chile	Colombia	Ecuador	Panamá	Perú	Puntos	Regional
Economía	S.1	Valor económico total	■	■				2	
	S.2	Inversiones Directas	■	■	■			3	
	S.3	Empleo Total	■	■		■		3	
	S.4	Diversificación Sectorial Distribución de ingreso	■	■		■	■	4	
Ambiente	S.5	Presiones humanas sobre el hábitat	■	■			■	3	
	S.6 → E.9	Contaminantes Necesidades Básicas insatisfechas (NBI) Contaminantes y su introducción (calidad del hábitat)	■		■	■	■	4	
	S.7 → E.8	Enfermedades	■			■		2	
Salud	S.7	Meteorología y desastres Salud de la población	■	■	■	■	■	5	□
Población	S.8, 9, 10	Dinámica de la población	■	■		■	■	4	
Cultura	S.11	Conocimiento, innovaciones y prácticas tradicionales	■	■				2	
	S.12	Protección de los recursos del patrimonio costero	■				■	2	
TOTAL			11	8	3	6	6		

■ Indicador y parámetros medibles ■ Parámetros solo parcialmente medibles □ indicadores de interés regional

ANNEX 4

STATE OF THE PROJECT

PLAN DE TRABAJO GLOBAL DE SPINCAM	ESTADO DE AVANCE	2009	2010				2011			
		Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
WP 1. Coordinación										
Acuerdo con la CPPS (2009-2010)	OK									
Acuerdo con la CPPS (2010-2011)										
Establecimiento del Comité Directivo	OK									
1ª reunión del Comité Directivo	OK									
2ª Reunión del Comité Directivo	OK									
Evaluación final										
Terminación de proyecto										
WP 2. Manejo de datos e información										
Identificación de 5 indicadores regionales e indicadores nacionales	OK									
Identificar los parámetros relativos	En proceso									
Identificar socios nacionales/ proveedores de datos / gestores de información	En proceso									
Asegurar la participación de socios nacionales	En proceso									
Identificar usuarios y los productos requeridos por los usuarios	En proceso									
Identificar el coordinador institucional SPINCAM y técnica de los puntos focales técnicos (MD, MI) para cada país	En proceso									
Analizar las necesidades de creación de capacidad nacional/institucional + plan de formación	En proceso									
Preparar el directorio nacional de instituciones y expertos	En proceso									
Reuniones organismo nacional de coordinación de SPINCAM (gestión de datos / información)	En proceso									
Acordar el plan de trabajo WP2										
Identificar la arquitectura de los datos nacionales SPINCAM (modelo 1,2,3) utilizados por los países	En proceso									
Identificar el centro nacional de datos SPINCAM	OK									
Preparar catálogo de datos disponible (por cada institución asociada)	En proceso									
identificación de la estructura de metadatos utilizados por cada institución asociada (según corresponda)	En proceso									
Identificar aspectos de interoperabilidad para recomendar/discutir una estructura para metadatos unificada.										
Reunión regional a adoptar la estructura de metadatos unificado + estandarización de parámetros										
Acordar la estructura de metadatos unificado (perfil) - compatible con las normas internacionales + parámetros estándares ---- entrada necesaria de la COI / IODE ----- Nota: ODINCARSA: velar por los expertos del IODE en los países que están involucrados, ya que										

[illegible]

