

Intergovernmental Oceanographic Commission
Workshop Report No. 189



Workshop for the Formulation of a Draft Project on Integrated Coastal Management (ICM) in Latin America and the Caribbean (LAC)

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1. OPENING AND INTRODUCCION

The Workshop for the Formulation of a Draft Project on Integrated Coastal Management (ICM) in Latin America and the Caribbean (LAC) was opened at 09:00 hours of 23 October 2003 in the Arcos Meeting Room of the Caribe Hotel in the City of Cartagena de Indias.

During the opening ceremony, Mr. Cesar Toro, IOC (Intergovernmental Oceanographic Commission) Secretary for IOCARIBE-UNESCO addressed the Meeting and gave a warming welcome to the participants on behalf of IOC and the city of Cartagena de Indias. He thanked the participants for accepting the invitation and to the Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ) as well as ECLAC (Economic Commission for Latin America) for their active participation in convening the Meeting.

In his opening remarks, Mr. Toro emphasized the importance of the meeting and highlighted that the formulation of a draft project, which would allow Latin America and Caribbean countries to take a more active and leading role in integrated coastal management, will represent an important achievement in the permanent search of solutions for the sustainable management of coastal zones. Wishing the participants a successful Workshop, Mr. Toro opened officially the Workshop.

2. ADMINISTRATIVE ARRANGEMENTS

The GTZ's Moderators Team that was in charge of conducting the Workshop introduced this Agenda Item. A brief introduction was provided on the Agenda topics, organizational aspects and the methodology to be followed by the meeting.

The initiative of organising this Workshop came from the IOC (Intergovernmental Oceanographic Commission) and the Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ) GmbH, and with the co-sponsorship of the Economic Commission for Latin America and the Caribbean (ECLAC). The main objective of the meeting is to build a regional project on Integrated Coastal Management (ICM) based on the concepts of cooperative networks, exchange of experiences and capacity building, with the ultimate goal to enhance management of the marine and coastal resources and position the region on the global debate on this theme.

The rationale for this initiative is presented in Annex III of this report as the "Conceptual Framework for a Cooperation Initiative in Integrated Coastal Management (ICM) in Latin America and the Caribbean (LAC)".

Twenty representatives of national institutions (namely IOC National Focal Points) and 9 international and regional institutions were invited to the workshop, including the organizers. The call resulted in the participation of 15 national institutions and 5 international organisations, which was considered satisfactorily.

The List of Participants is included in Annex II.

3. INITIAL IDEAS AND VISIONS FROM DIFFERENT PERSPECTIVES

Five presentations were given under this Agenda Item, as follows:

Presentation 1: Background information from the perspective of the Intergovernmental Oceanographic Commission (IOC), by Bernardo Aliaga, IOC

Presentation 2: The role of GTZ as a facilitator of the process, by Werner Ohligschläger, GTZ

Presentation 3: Institutional vision on coastal management, by Ulises Munaylla, CPPS

Presentation 4: Vision on coastal management from the perspective of the implementing parties: Experiences, approaches and requirements for initiatives and projects, by Nelson Andrade, UNEP CAR/RCU.

Presentation 5: Vision on the Coastal Management from the perspective of the implementing parties: approaches and requirements for initiatives and projects, by Julian Barbieri, IOC

4. DEVELOPMENT OF THE WORKSHOP

The workshop proceeded with the active participation of attendees, and by using a working method that includes a pre-established script, display tools for contributions and moderation by a team of professionals provided by GTZ.

In terms of input delivered to the workshop these consisted of the “Conceptual framework” document, distributed together with the invitations, as well as the five presentations, the three panels and the contributions of all the participants during the meeting.

After various intense and highly participative working sessions, the validity of this initiative as well as the support it received from participating institutions become obvious. One of the main results achieved was the agreement reached on the components of this future project on Integrated Coastal Management for Latin America and the Caribbean.

Three main topics were identified during the discussion for a future ICM project; within them, 11 were identified as prioritised themes or lines of action:

Components	Prioritised themes/ Lines of action
1. Governance	1. Assessment of current Protocols in force
	2. Legal Framework
	3. Community participation
	4. Institutionalisation
	5. Promotion and public awareness of ICM activities
2. Science and Technology for management	1. ICM tools and techniques
	2. Research
	3. Economic valuation of the Coastal Zone
3. Capacity Building	1. Assessment of established capacities
	2. Building an operational and representative network of national focal points
	3. Integration of services providers for capacity building

Regarding the proposed lines of action, it was pointed out that emphasis should be given to the exchange of experiences through the establishment of a network, the generation of institutional conditions for co-operation, the establishment of an Executive Secretariat and the implementation of training and local capacity building activities.

Main obstacles were also identified for the implementation of these actions:

- lack of access to relevant information,
- lack of political support,

- deficiencies of planning strategies,
- lack of resources,
- reactive policies of sectorial nature and not transversal ,
- unawareness of existing capacities.

It was also mentioned the need to focus ICM under the wider concept of sustainable development including social and economic components.

These results were further reviewed in two working groups. The first group discussed possible funding mechanisms to support the project, while the second discussed the vision of the national institutions. Several aspects were analysed such as required conditions for a successful implementation, deadlines and responsables for each line of action.

The results of the two working groups were compared in a final plenary session and steps to be taken were agreed by establishing a concrete working agenda with estimated deadlines and responsible organisation identified.

After the revision of the proposed lines of action carried out by each working group, the following main conclusions were reached:

- a) There are available resources from IOC and possibly GTZ for 2004, as seed money to start with the draft project immediately.
- b) The highest priority under the lines of action should be given to the **“Promotion of the ICM theme, particularly the demonstration of its socio-economic benefits”** considering that it can assure the viability of funds for the future project. Strongly related to this line of action are the items included in “Economic evaluation” and “Tools for information management”, which support them.
- c) Equally important at the initial phase of the project must be the **“Establishment of a national focal points network”**, underlining that the implementation of this network represents main goal of the draft project
- d) The **assessments**, included in more than one line of action, are crucial to the development of the project. National and regional assessment of national and regional institutional arrangements are required as well as the assessment of existing capacities, of finalised and ongoing projects and of existing best practices.

5. WORKPLAN

Following the outputs of the working groups, the workplan was divided into short and medium term actions:

- (i) Immediate, in following weeks
- (ii) During the Draft Project phase (one to two years)

(i) Immediate actions: responsible: IOC and GTZ. Timeframe; 4-8 weeks

- To produce the preliminary documentation of the workshop, including reviewed transcription of panels and draft summary report: 1 week
- To distribute the final documentation of the workshop including final summary report with reviewed list of participants (this document), dispatch of a CD containing integral transcriptions of the workshop: 4 weeks

- To formulate Terms of Reference for an expert to coordinate the initiative and a Technical Assistant (development and management of a Project website). The Terms of Reference should include among others: elaboration of a Draft Project with emphasis on socio-economical benefits, preparation of letters of intent to possible identified funding agencies, prepare a preliminary list of “best available practices and existing relevant projects”: 2 weeks.

(ii) Actions during the Draft Project: Responsible IOC, GTZ, IOC Focal Points. Support of existing regional organisations. Time frame: 1-2 years

- Letters of intent of the focal points: national focal point representatives of each country
- Support letters (minimum from 10 countries) to the formulation of a proposal for the Draft Project: national focal point representatives of each country
- Constitution of national networks: national focal point representatives of each country
- Ensure national support for ICM in each country: national focal point representatives of each country
- Constitution of the cooperation network: IOC & GTZ
- Constitution of groups of experts: IOC & GTZ
- Implementing a website, installing and maintenance: IOC
- Standardize criteria, elaborate a quick preliminary diagnosis and then a in-depth one: IOC, GTZ, representatives of IOC focal points
- Delivery of applications to funding agencies: IOC & GTZ

6. CONCLUSIONS

1. The agreements resulting from this workshop constitute a proposal document that should be disseminated and validated by each participating entity.
2. It was understood that “Draft Project” means the following coming phase after this workshop and until the jump-starting of a regional project on a medium term basis. The Draft Project implies among other actions, the establishment of the network, the formulation and endorsement of the project, required managerial steps for its financing and the formalities to prepare its execution.
3. The themes identified during the workshop are the foundation for the formulation of the future project. However, it could be improved through additional contributions from the participating national and international institutions.
4. Participating institutions in the workshop have agreed to begin some actions for which there are already some available resources, this include a website for the dissemination and exchange of best practices and relevant information.
5. The Intergovernmental Oceanographic Commission (IOC) is requested to co-ordinate these actions, and will be in charge of implementing the adopted conclusions of this workshop. IOC will inform on the regular basis the other participants about the progress of this initiative.

7. CLOSURE

Dr. Patricio Bernal, IOC Executive Secretary addressed the participants and expressed his appreciation to ECLAC and GTZ, co-organizers of the workshop, for the facilities and support received. In his closing remarks he drew the attention of the participants need to

maintain strong regional unity so that the cohesion achieved during the meeting can be continued. He thanked all participants for their high degree of interaction and their interest shown in this regional IOC initiative.

The Workshop for the Formulation of a Draft Project on Integrated Coastal Management (ICM) in Latin America and the Caribbean (LAC) was closed at 12:30 hrs on 5 October 2003.

ANNEX I

AGENDA

Programa		Programme	
Día 1 / Jueves, 23: Recepción e Insumos		Day 1 / Thursday, 23rd: Reception and Inputs	
	Apertura		Opening
08:30	Inscripción, entrega de la carpeta, conversaciones informales con café		Registration, folders delivery, informal conversations and coffee
09:00	Bienvenida e inauguración, según protocolo		Welcoming words and inauguration, according to protocol
09:30	Introducción: Agenda de temas, propósito, ubicación en el proceso, diseño metodológico, aspectos de organización		Introduction: Agenda of topics, objective, localization of the workshop, methodology and organization issues
	Insumos: Ideas iniciales y visiones desde diferentes perspectivas		Inputs: Initial ideas and visions from different perspectives
10:00	Exposición 1: Antecedentes desde la perspectiva de la Comisión Oceanográfica Intergubernamental (COI), por Bernardo Aliaga, COI		Lecture 1: Background information from the perspective of the Intergovernmental Oceanographic Commission (IOC), Bernardo Aliaga, IOC
10:30	Exposición 2: El papel de la GTZ como facilitador del proceso, por Werner Ohligschläger, GTZ		Lecture 2: The role of GTZ as a facilitator of the process, Werner Ohligschläger, GTZ
11:00	Exposición 3: Visión institucional sobre el manejo costero Ulises Munaylla, CPPS		Lecture 3: Institutional vision on the coastal management Ulyses Munaylla, CPPS
11:30	<i>Café</i>		<i>Coffee</i>
	Opiniones y retroalimentación		Opinions and feedback
12:00	Panel 1: Opiniones, aspectos adicionales y un breve resumen por dos comentaristas		Panel 1: Opinions, additional aspects and a brief summary by two commentators
13:00	<i>Almuerzo</i>		<i>Lunch</i>
continúan insumos: Ideas iniciales y visiones desde diferentes perspectivas		... continued inputs: Initial Ideas and visions from different perspectives

15:00	Exposición 4: Visión del manejo costero desde la perspectiva de los ejecutores: experiencias, enfoques y requerimientos para iniciativas y proyectos por Nelson Andrade, UNEP CAR/RCU	Lecture 4: Vision of the Coastal Management from the perspective of the implementing parties: experiences, approaches and requirements for initiatives and projects, Nelson Andrade, UNEP CAR/RCU
15:30	Exposición 6: Visión del manejo costero desde la perspectiva de los ejecutores: experiencias, enfoques y requerimientos para iniciativas y proyectos por Julian Barbieri, COI	Lecture 6: Vision of the Coastal Management from the perspective of the implementing parties: experiences, approaches and requirements for initiatives and projects, Julian Barbieri, IOC
16:00	<i>Café</i>	<i>Coffee</i>
	Reflexión sobre las visiones y diferentes perspectivas	Reflection on visions and different perspectives
16:30	Panel 2: Opiniones y aspectos clave a considerar en el futuro, por dos comentaristas	Panel 2: Opinions and key aspects to be considered in the future, by two commentators
17:30	Resumen del trabajo del día y de sus resultados	Summary of the day and results
18:00	<i>Cierre del día 1</i>	<i>End day 1</i>
Día 2 / Viernes, 24: Estructuración del Anteproyecto		Day 2 / Friday, 24th: Structure of the Draft Project
	Introducción al día	Presentation of the Day
08:30	Resumen de los insumos (día anterior)	Summary of inputs (previous day)
	Agenda del día, metodología y formatos básicos de la planificación para el anteproyecto	Programme of the day, methodology and basic formats of planning for the draft project
	Orientación y estrategia de intervención	Orientation and intervention strategy
09:00	Lluvia de ideas: Problemas a resolver, temas clave, mejores prácticas a considerar y valores a crear en una futura intervención (“¿de qué nos debemos ocupar? “¿qué queremos resolver?”)	Brainstorming: Problems to be solved, key subjects, best practices to be considered and values to be created in a future intervention (“What do we have to be concerned about? “What do we wish to solve?”)
10:30	<i>Café</i>	<i>Coffee</i>
11:00	Agrupación de los aportes: Los componentes del anteproyecto y formación de grupos por tema	Grouping of contributions: Component parts of the Draft and work groups formation by topics

11:30	Elaboración de las bases del anteproyecto: situación de partida, cadena de impactos, objetivos e indicadores, mapa de actores, líneas de acción y calendario	Elaboration of the bases of the draft project: initial situation, chain of impacts, objectives and indicators, map of actors, action lines and calendar
12:30	<i>Almuerzo</i>	<i>Lunch</i>
14:30	... continúa ... Elaboración de las bases del anteproyecto	... continued... Elaboration of the bases of the draft project
16:30	<i>Café</i>	<i>Coffee</i>
	Reflexión sobre la estrategia y las condiciones para su éxito	Reflection on the strategy and conditions for success
17:00	Panel 3: Comentarios y opiniones sobre la estrategia de intervención y condiciones requeridas para el logro de los efectos, impactos y objetivos	Panel 3: Comments and opinions on the intervention strategy and conditions required to achieve effects, impacts and objectives
18:00 18:30	Cierre del día 2 Cena Oficial <i>Punto de encuentro recepción del Hotel</i>	End day 2 Official Dinner <i>Meeting point at Hotel lobby</i>
	Día 3 / Sábado, 25: Cooperación Y Próximos Pasos	Day 3 / Saturday, 25th: Co-Operation and Next Steps
	Introducción al día	Presentation of the Day
08:30	Resumen de la estrategia de intervención (día anterior)	Summary of the intervention strategy (previous day)
	Agenda del día	Programme of the day
	Cooperación y posibilidades de aportes	Co-operation and contribution possibilities
09:00	Red de cooperación entre entidades ejecutoras: Temas y mecanismos	Co-operation network among implementing parties: Themes and mechanisms
	... en paralelo... Orientaciones para obtener asistencia y recursos: Criterios y posibilidades de financiamiento para los componentes (grupo entidades de apoyo y financiamiento)	... Simultaneously ... Guidelines to obtain assistance and resources: Criteria and possibilities of financing the component parts (supporting entities and finance group)
9:45	Presentación de las ideas y orientaciones para la cooperación y el financiamiento y reflexión sobre las variables críticas	Presentation of the ideas and guidelines for co-operation and financing and reflection of the critical variables
10:30	<i>Café</i>	<i>Coffee</i>

10:10	Panel 4: Reflexión sobre las variables críticas para la cooperación y el financiamiento	Panel 4: Reflection on the critical variables for co-operation and financing
11:00	<i>Café</i>	<i>Coffee</i>
	Próximos pasos y operacionaliza-ción	Next steps and implementation procedure
11:00	Acuerdo sobre una agenda de seguimiento, incluyendo : <ul style="list-style-type: none"> ▪ Temas ▪ Calendario ▪ Responsabilidades 	Agreement on a follow up agenda, including: <ul style="list-style-type: none"> ▪ Issues ▪ Time line ▪ Responsibilities
	Síntesis y opiniones finales	Synthesis and final opinions
12:00	Panel 4: Resumen y reflexión final sobre la visión del anteproyecto y de su prospectiva, Patricio Bernal, IOC	Panel 4: Summary and final reflections of the draft project vision and its future possibilities, Patricio Bernal, COI
	Cierre	Closing
12:30	Evaluación y clausura, según protocolo	Evaluation and closure, according to protocol
12:45	<i>Coctail y despedida</i>	<i>Cocktail and final words</i>
13:30	<i>Fin del taller</i>	<i>End of Workshop</i>

ANEXO II/ANNEX II

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ANNEX III

Conceptual framework for a cooperation initiative in Integrated Coastal Management (ICM) in Latin America and the Caribbean (LAC) GTZ¹, UNESCO/IOC²

Summary

This paper sets out the conceptual framework for a cooperation initiative in integrated coastal management (ICM) in Latin America and the Caribbean. The initiative consists of two interrelated and functionally distinct phases.

- (i) A **preliminary or planning phase** for the formulation and establishment of a cooperation network of integrated coastal management initiatives in Latin America and the Caribbean. Under this preliminary phase, the participants will jointly formulate the second phase of the initiative, which will consist of the ICM cooperation project in Latin America and the Caribbean that will be submitted to interested donors.

Initial financial support for the preliminary project will be provided by the Intergovernmental Oceanographic Commission (IOC), the Policy Advice for Sustainable Fisheries (PASF) project of the German Agency for Technical Cooperation (GTZ).

- (i) An **ICM cooperation project in Latin America and the Caribbean**, designed to improve integrated coastal management capacities in Latin America and the Caribbean and those countries' contribution to and position in the international debate on coastal policy and legislation.

The initiative is being promoted by the Intergovernmental Oceanographic Commission (IOC) and the German Agency for Technical Cooperation (GTZ), with the cooperation of the Economic Commission for Latin America and the Caribbean (ECLAC), joint organizers of the first interactive planning workshop (Cartagena de Indias, October 2003).

1. OUTLINE OF IDENTIFIED ISSUES

The Earth Summit, held in Rio de Janeiro in 1992, and the inclusion of integrated coastal management in Agenda 21 (Chapter 17) marked the beginning of the worldwide dissemination and popularisation of this new approach. Originally viewed as a government-led endeavour, integrated coastal management has undergone substantial changes in the context of the debate on sustainable development. It is now recognized that ICM has a role to play in ocean management at the regional level, and in particular in border areas. An increasingly important role is also being accorded to initiatives and participation by NGOs and the private sector in integrated coastal management. ICM is now acknowledged as an essential approach to the sustainable development of coasts and oceans, and its social and economic aspects were reinforced after the 2002 Johannesburg Summit.

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² United Nations Educational, Scientific and Cultural Organization/ Intergovernmental Oceanographic Commission. Contacts: Bernardo Aliaga (B.Aliaga@unesco.org), Julian Barbieri (J.Barbieri@unesco.org)

The complexity of integrated coastal management, in the biophysical framework of coastal dynamics, is the most compelling reason to put it into practice and, at the same time, its greatest challenge: a growing proportion of the world's population and economic activities is concentrated in coastal areas. Coastal zones are extremely important for recreational activities and tourism, they contain valuable transborder ecosystems and ecological conditions, they are of growing importance for energy infrastructure and energy production and they are directly affected by global climate change, cyclical anomalies such as “El Niño”, overfishing and the pollution of coastal ecosystems. This has led to a significant rise in ICM activities over the last decade: reports by academics show that, between 1993 and 2000, the number of countries with coastal management programmes rose from 57 to 95, 70 of which are developing countries.

In that connection, it must be stressed that all programmes have not reached the level of development all over the world and all countries have not established or developed their institutional management mechanisms in the same way. Disparities in ICM implementation exist within countries, among countries in the same region and among regions on the same continent.

Several Latin American and Caribbean countries are carrying out ICM initiatives, some at the subregional level, but most countries are only beginning to formulate policies. Some of these initiatives have succeeded in establishing ICM practices in municipalities or departments, but appropriate national policies and legislation must be introduced if they are to be consolidated.

A preliminary assessment of the current ICM situation in Latin America and the Caribbean shows that:

- a) There is **relatively little conceptual, methodological and policy information on integrated coastal management in Spanish**. Most of the available information consists of translations of documents from the industrialized countries, which have different traditions, capacities and management systems;
- b) At the policy-making level, existing initiatives are generally reactive rather than proactive. Most initiatives have been taken in response to disaster situations and/or serious coastal conflicts, the aim being to resolve or mitigate their impact rather than to define proactive policies on coastal development;
- c) The predominant thematic approach in ICM initiatives is sectoral rather than cross-cutting in nature: the majority of the initiatives deal with environmental issues and focus on the protection and/or restoration of ecosystems. Other development values and objectives (social, cultural, economic, etc.) are not given the same attention;
- d) At the operational level, most of the initiatives are strongly research-oriented and very little is done on management. The outcome is a dichotomy between the wealth of available analyses and assessments and the very few changes made to coastal policies, legislation and management. The lack of appropriate institutional structures and specific legal frameworks means that research findings are not being effectively communicated to decision-makers;
- e) **Grey literature** on successful local initiatives and the use of good practices abounds, in particular in regard to protected zones, small-scale fishery development and, to a

lesser extent, beach erosion control (Caribbean). In general, such documents conclude by calling for the introduction of appropriate policies and legislation.

This situation might explain why, on the one hand, there have been no significant changes so far in the management of coastal development in most Latin American and Caribbean countries and, on the other, why those countries' presence and position in international associations and organizations that deal with coastal policy and legislation are generally very weak. Latin American countries are characterized by their absence from international debates and policy formulation on integrated coastal management.

Moreover, recent bilateral and multilateral trade agreements make no provision for coastal zone management in circumstances where the transport of goods and merchandise, which will be increased under those agreements, is effected largely by sea and has a strong impact on coastal areas.

The Latin American and Caribbean countries have an opportunity to participate effectively in defining ICM policies, and those policies are crucial to their development in a globalized world.

2. THE COOPERATION INITIATIVE

2.1 STRATEGIC APPROACH

Based on the importance of coastal zones and institutional constraints in integrated coastal management, the initiative aims to promote cooperation among ICM projects, programmes and institutions in Latin America and the Caribbean and among states at the subregional and regional levels in order to improve coastal zone management.³ To that end, emphasis will be placed on the exchange of experience and on ICM policy debate among Latin American and Caribbean countries in order to:

- a) improve the ICM capacities of the different countries, and
- b) improve those countries' position in international associations and organizations involved in integrated coastal management.

The cooperation approach rests on the assumption that there are valuable ICM initiatives and experience in Latin American and Caribbean countries which generally fail to have a greater impact because of the lack of dissemination and exchange at the national and international levels. The cooperation initiative will aim to facilitate the dissemination of the initiatives involved and to put them on an international footing. This will be achieved through the creation of the institutional conditions needed for cooperation (framework agreement), the institutionalization of such cooperation (setting up an executive secretariat), the establishment of a shared information and dissemination system (Internet portal) and the conduct of exchange, transfer, and training activities and debates.

A key element of the initiative will be the promotion of "good governance" in ICM in Latin America and the Caribbean. In this context, "governance" means "coordination among social actors", both public and private, internationally, regionally and/or locally, with a view to reconciling interests in coastal zones and initiating action based on collaboration among partners. "Governance", in this sense, covers both formal State institutions and non-formal

³ As required, for example, under the FAO Code of Conduct for Responsible Fisheries, 1995.

cooperation arrangements that might be devised by individuals, organizations or institutions in pursuit of common goals.

2.2 OPERATIONAL APPROACH

The cooperation initiative will be carried out in two sequential phases:

a) **Preliminary phase designed to establish an ICM cooperation Network in Latin America and the Caribbean:** lasting approximately one year, this phase will carry out the following activities:

- crucial ICM actors (institutions, projects, programmes, NGOs and others) in Latin American and Caribbean countries, including regional organizations' will be identified;
- one or more project-implementing institutions will be identified, with particular reference to the mandate for the conduct of thematic activities at the regional or subregional level;
- initial agreements will be drawn up on cooperation, the institutionalisation of such cooperation, the exchange of information, training activities, debates, etc.; and
- all the actors involved will participate in the formulation of the second phase of the initiative, which will consist of the ICM cooperation project in Latin America and the Caribbean that will be submitted to interested donors for funding.

b) **ICM cooperation project in Latin America and the Caribbean,** designed to improve ICM capacities in Latin America and the Caribbean and Latin American countries' contribution to and position in the international debate on coastal policy and legislation.

The project's characteristics (results, activities, forms of operation, etc.) will be defined on a participatory basis by all the actors involved, while the preliminary phase is being implemented.

The initiative is supported by the UNESCO Intergovernmental Oceanographic Commission (IOC), the German Agency for Technical Cooperation (GTZ) and the Economic Commission for Latin America and the Caribbean (ECLAC).

The UNESCO Intergovernmental Oceanographic Commission (IOC) will collaborate during the project formulation and execution stages and will promote the participation of the network specializing in oceanographic and marine sciences set up with governments and research centres in the region.

GTZ will provide advice on organizational development, change management, capacity-building and other topics of interest to the participating partners. The Agency will contribute initially through the Ordenamiento Territorial de la Zona Costera de la Región del Bío-Bío project in Chile (www.zonacostera.cl) and the Policy Advice for Sustainable Fisheries (PASF) project, which promotes the Code of Conduct for Responsible Fisheries (FAO, 1995). The GTZ operating model is based on shared management and accountability in all project activities and phases.

c) Setting of objectives

While the objectives of the future cooperation project will be defined by all partners as part of the preliminary phase, an outline of the objectives that are being promoted by GTZ and UNESCO/IOC may already be provided. As mentioned above, the project is intended to:

- (i) improve the position of Latin American and Caribbean countries in international debates on coastal policy and legislation (principal objective or goal),
- (ii) improve existing ICM capacities in Latin America and the Caribbean (general objective or purpose).

In addition to, or as part of, those objectives, the cooperation project is intended to:

- expand the ICM conceptual, methodological and policy database available to institutions, projects and programmes and other actors involved in ICM in Latin America and the Caribbean;
- improve the dissemination and status of existing initiatives, both nationally and internationally;
- promote the development and application of action-oriented approaches (proactive, preventive, etc.) to coastal policy and management in the different countries;
- establish mechanisms for the effective communication of scientific research results to decision-makers in the region;
- introduce cross-cutting coordination approaches into coastal zone policy, legislation and management;
- incorporate action-oriented approaches into ICM; and
- contribute to the definition of models and approaches for “coastal change governance” in Latin America and the Caribbean which take into account each country’s real-life situation (political, social, environmental, economic and cultural), traditions and institutional capacities.

4. Objectives of the preliminary project

In view of the above, the following log frame has been drawn up for the preliminary phase (phase one). The consensus definition of a log frame for the project (phase two), forms part of the activities that will be carried out under the preliminary phase.

Preliminary phase log frame

Objectives	Indicators	Method of verification	Assumptions
Principal objective: Improvement of ICM capacities in the Latin American and the Caribbean countries ⁴ (which will consequently improve the contribution and position of the	Common positions and proposals framed by the Latin American and the Caribbean countries in the international debate on coastal policy and legislation	Records and reports of major international meetings (IOC and others)	-

⁴ The principal objective of the preliminary project (phase one) corresponds to the general aim or purpose of the cooperation project (phase two).

Objectives	Indicators	Method of verification	Assumptions
countries that take part in the international debate on coastal policy and legislation) ⁵			
<u>Purpose:</u> Establish cooperation among existing ICM initiatives and institutions in Latin America and the Caribbean (Latin American ICM Network)	<ul style="list-style-type: none"> percentage of major institutions by participating country government recognition of the Network 	Assessment report	<ul style="list-style-type: none"> University training (improved) in ICM is available in the different countries ICM has the requisite political support
<u>Results:</u> 1. Establishment of a framework agreement on cooperation among the major partners	Framework agreement signed	Framework agreement	<ul style="list-style-type: none"> The necessary institutional and/or diplomatic conditions exist for: <ul style="list-style-type: none"> Signing a horizontal cooperation agreement
2. Establishment of an agreed and functioning coordination structure	Institutional structure operational	Visit and interviews	<ul style="list-style-type: none"> An institutional structure has been established
3. Establishment of a programme for the exchange and transfer of experience among selected Latin American and Caribbean countries, taking into account the experience of the industrialized countries	Programme agreed upon		<ul style="list-style-type: none"> Agreement on a joint work programme
4. Establishment of a basic shared information and dissemination system: initiatives, good practices, legislation, etc.	Information system developed and accessible on the Internet	Internet	<ul style="list-style-type: none"> Relevant information is available

⁵ The principal objective of the project is to put the Latin American and Caribbean countries in a better position in international bodies dealing with coastal policy and legislation.

ANNEX IV

PICTURES OF THE MEETING



"Participants of Workshop for the Formulation of a Draft Project
on Integrated Coastal Management (ICM) in Latin America and the Caribbean (LAC)
Hotel Caribe, Cartagena, Colombia, 23 – 25 October 2003"



"Plenary.

Workshop for the Formulation of a Draft Project
on Integrated Coastal Management (ICM) in Latin America and the Caribbean (LAC)
Hotel Caribe, Cartagena, Colombia, 23 – 25 October 2003"



"End of Plenary Meeting".
Workshop for the Formulation of a Draft Project
on Integrated Coastal Management (ICM) in Latin America and the Caribbean (LAC)
Hotel Caribe, Cartagena, Colombia, 23 – 25 October 2003"

ANNEX V

ACRONYMS

CPPS	Permanent Commission for the South Pacific
ECLAC	Economic Commission for Latin America
FAO	Food and Agriculture Organisation of the United Nations
GTZ	Deutsche Gesellschaft für Technische Zusammenarbeit (German Agency for Technical Cooperation)
ICM	Integrated Coastal Management
IOC	Intergovernmental Oceanographic Commission / UNESCO
IOCARIBE	IOC Sub-Commission for Caribbean and Adjacent Regions
LAC	Latin America and the Caribbean
PASF	Policy Advice for Sustainable Fisheries (
CAR/RCU	Caribbean Regional Co-ordination Unit / UNEP
UNEP	United Nation Environment Programme
UNESCO	United Nation Educational, Scientific and Cultural Organisation
UNDP	United Nation Development Programme
GEF	Global Environment Facility

IOC Workshop Reports

The Scientific Workshops of the Intergovernmental Oceanographic Commission are sometimes jointly sponsored with other intergovernmental or non-governmental bodies. In most cases, IOC assures responsibility for printing, and copies may be requested from:

Intergovernmental Oceanographic Commission – UNESCO
1, rue Miollis, 75732 Paris Cedex 15, France

No.	Title	Languages	No.	Title	Languages	No.	Title	Languages
1	CCOP-IOC, 1974, Metallogensis, Hydrocarbons and Tectonic Patterns in Eastern Asia (Report of the IDOE Workshop on); Bangkok, Thailand, 24-29 September 1973 UNDP (CCOP).	E (out of stock)		5-9 June 1978 (UNESCO reports in marine sciences, No. 5, published by the Division of Marine Sciences, UNESCO).		40	24-29 September 1985. IOC Workshop on the Technical Aspects of Tsunami Analysis, Prediction and Communications; Sidney, B.C., Canada, 29-31 July 1985.	E
2	CICAR Ichthyoplankton Workshop, Mexico City, 16-27 July 1974 (UNESCO Technical Paper in Marine Sciences, No. 20).	E (out of stock) S (out of stock)	20	Second CCOP-IOC Workshop on IDOE Studies of East Asia Tectonics and Resources; Bandung, Indonesia, 17-21 October 1978	E	40 Suppl.	First International Tsunami Workshop on Tsunami Analysis, Prediction and Communications, Submitted Papers; Sidney, B.C., Canada, 29 July-1 August 1985.	E
3	Report of the IOC/GFCM/ICSEM International Workshop on Marine Pollution in the Mediterranean; Monte Carlo, 9-14 September 1974.	E, F E (out of stock)	21	Second IDOE Symposium on Turbulence in the Ocean; Liege, Belgium, 7-18 May 1979.	E, F, S, R	41	First Workshop of Participants in the Joint	E
4	Report of the Workshop on the Phenomenon known as 'El Niño'; Guayaquil, Ecuador, 4-12 December 1974.	E (out of stock) S (out of stock)	22	Third IOC/WMO Workshop on Marine Pollution Monitoring; New Delhi, 11-15 February 1980.	E, F, S, R		FAO/IOC/WHO/IAEA/UNEP Project on Monitoring of Pollution in the Marine Environment of the West and Central African Region (WACAF/2); Dakar, Senegal, 28 October-1 November 1985.	
5	IDOE International Workshop on Marine Geology and Geophysics of the Caribbean Region and its Resources; Kingston, Jamaica, 17-22 February 1975	E (out of stock) S	23	WESTPAC Workshop on the Marine Geology and Geophysics of the North-West Pacific; Tokyo, 27-31 March 1980.	E, R	43	IOC Workshop on the Results of MEDALPEX and Future Oceanographic Programmes in the Western Mediterranean; Venice, Italy, 23-25 October 1985.	E
6	Report of the CCOP/SOPAC-IOC IDOE International Workshop on Geology, Mineral Resources and Geophysics of the South Pacific; Suva, Fiji, 1-6 September 1975.	E	24	Workshop on the Inter-calibration of Sampling Procedures of the IOC/ WMO UNEP Pilot Project on Monitoring Background Levels of Selected Pollutants in Open-Ocean Waters; Bermuda, 11-26 January 1980.	E (out of stock)	44	IOC-FAO Workshop on Recruitment in Tropical Coastal Demersal Communities; Ciudad del Carmen, Campeche, Mexico, 21-25 April 1986.	E (out of stock) S
7	Report of the Scientific Workshop to Initiate Planning for a Co-operative Investigation in the North and Central Western Indian Ocean, organized within the IDOE under the sponsorship of IOC/FAO (IOFC)/UNESCO/ EAC; Nairobi, Kenya, 25 March-2 April 1976.	E, F, S, R	25	IOC Workshop on Coastal Area Management in the Caribbean Region; Mexico City, 24 September- 5 October 1979.	E, S	44 Suppl.	IOC-FAO Workshop on Recruitment in Tropical Coastal Demersal Communities, Submitted Papers; Ciudad del Carmen, Campeche, Mexico, 21-25 April 1986.	E
8	Joint IOC/FAO (IPFC)/UNEP International Workshop on Marine Pollution in East Asian Waters; Penang, 7-13 April 1976	E (out of stock)	26	CCOP/SOPAC-IOC Second International Workshop on Geology, Mineral Resources and Geophysics of the South Pacific; Noumea, New Caledonia, 9-15 October 1980.	E	45	IOCARIBE Workshop on Physical Oceanography and Climate; Cartagena, Colombia, 19-22 August 1986.	E
9	IOC/CMG/SCOR Second International Workshop on Marine Geoscience; Mauritius 9-13 August 1976.	E, F, S, R	27	FAO/IOC Workshop on the effects of environmental variation on the survival of larval pelagic fishes. Lima, 20 April-5 May 1980.	E	46	Reunión de Trabajo para Desarrollo del Programa 'Ciencia Oceánica en Relación a los Recursos No Vivos en la Región del Atlántico Sud-occidental'; Porto Alegre, Brasil, 7-11 de abril de 1986.	S
10	IOC/WMO Second Workshop on Marine Pollution (Petroleum) Monitoring; Monaco, 14-18 June 1976	E, F E (out of stock)	28	WESTPAC Workshop on Marine Biological Methodology; Tokyo, 9-14 February 1981.	E	47	IOC Symposium on Marine Science in the Western Pacific: The Indo-Pacific Convergence; Townsville, 1-6 December 1966	E
11	Report of the IOC/FAO/UNEP International Workshop on Marine Pollution in the Caribbean and Adjacent Regions; Port of Spain, Trinidad, 13-17 December 1976.	E, S (out of stock)	29	International Workshop on Marine Pollution in the South-West Atlantic; Montevideo, 10-14 November 1980.	E (out of stock) S	48	IOCARIBE Mini-Symposium for the Regional Development of the IOC-UN (OETB) Programme on 'Ocean Science in Relation to Non-Living Resources (OSNLR)'; Havana, Cuba, 4-7 December 1986.	E, S
11 Suppl.	Collected contributions of invited lecturers and authors to the IOC/FAO/UNEP International Workshop on Marine Pollution in the Caribbean and Adjacent Regions; Port of Spain, Trinidad, 13-17 December 1976	E (out of stock), S	30	Third International Workshop on Marine Geoscience; Heidelberg, 19-24 July 1982.	E, F, S	49	AGU-IOC-WMO-CPPS Chapman Conference: An International Symposium on 'El Niño'; Guayaquil, Ecuador, 27-31 October 1986.	E
12	Report of the IOCARIBE Interdisciplinary Workshop on Scientific Programmes in Support of Fisheries Projects; Fort-de-France, Martinique, 28 November-2 December 1977.	E, F, S	31	UNU/IOC/UNESCO Workshop on International Co-operation in the Development of Marine Science and the Transfer of Technology in the context of the New Ocean Regime; Paris, France, 27 September-1 October 1982.	E, F, S	50	CCALR-IOC Scientific Seminar on Antarctic Ocean Variability and its Influence on Marine Living Resources, particularly Krill (organized in collaboration with SCAR and SCOR); Paris, France, 2-6 June 1987.	E
13	Report of the IOCARIBE Workshop on Environmental Geology of the Caribbean Coastal Area; Port of Spain, Trinidad, 16-18 January 1978.	E, S	32 Suppl.	Papers submitted to the UNU/IOC/ UNESCO Workshop on International Co-operation in the Development of Marine Science and the Transfer of Technology in the Context of the New Ocean Regime; Paris, France, 27 September-1 October 1982.	E	51	CCOP/SOPAC-IOC Workshop on Coastal Processes in the South Pacific Island Nations; Lae, Papua-New Guinea, 1-8 October 1987.	E
14	IOC/FAO/WHO/UNEP International Workshop on Marine Pollution in the Gulf of Guinea and Adjacent Areas; Abidjan, Côte d'Ivoire, 2-9 May 1978	E, F	33	Workshop on the IREP Component of the IOC Programme on Ocean Science in Relation to Living Resources (OSLR); Halifax, 26-30 September 1983.	E	52	SCOR-IOC-UNESCO Symposium on Vertical Motion in the Equatorial Upper Ocean and its Effects upon Living Resources and the Atmosphere; Paris, France, 6-10 May 1985.	E
15	CPSPS/FAO/IOC/UNEP International Workshop on Marine Pollution in the South-East Pacific; Santiago de Chile, 6-10 November 1978.	E (out of stock)	34	IOC Workshop on Regional Co-operation in Marine Science in the Central Eastern Atlantic (Western Africa); Tenerife, 12-17 December 1983.	E, F, S	53	IOC Workshop on the Biological Effects of Pollutants; Oslo, 11-29 August 1986.	E
16	Workshop on the Western Pacific, Tokyo, 19-20 February 1979.	E, F, R	35	CCOP/SOPAC-IOC-UNU Workshop on Basic Geo-scientific Marine Research Required for Assessment of Minerals and Hydrocarbons in the South Pacific; Suva, Fiji, 3-7 October 1983.	E	54	Workshop on Sea-Level Measurements in Hostile Conditions; Bidston, UK, 28-31 March 1988.	E
17	Joint IOC/WMO Workshop on Oceanographic Products and the IGOS Data Processing and Services System (IDPSS); Moscow, 9-11 April 1979.	E	36	IOC/FAO Workshop on the Improved Uses of Research Vessels; Lisbon, Portugal, 28 May-2 June 1984.	E	55	IBCCA Workshop on Data Sources and Compilation, Boulder, Colorado, 18-19 July 1988.	E
17 suppl.	Papers submitted to the Joint IOC/WMO Seminar on Oceanographic Products and the IGOS Data Processing and Services System; Moscow, 2-6 April 1979.	E	36 Suppl.	Papers submitted to the IOC/FAO Workshop on the Improved Uses of Research Vessels; Lisbon, 28 May-2 June 1984	E	56	IOC-FAO Workshop on Recruitment of Penaeid Prawns in the Indo-West Pacific Region (PREP); Cleveland, Australia, 24-30 July 1988.	E
18	IOC/UNESCO Workshop on Syllabus for Training Marine Technicians; Miami, U.S.A., 22-26 May 1978 (UNESCO reports in marine sciences, No. 4 published by the Division of Marine Sciences, UNESCO).	E (out of stock), F, S (out of stock), R	37	IOC/UNESCO Workshop on Regional Co-operation in Marine Science in the Central Indian Ocean and Adjacent Seas and Gulfs; Colombo, 8-13 July 1985.	E	57	IOC Workshop on International Co-operation in the Study of Red Tides and Ocean Blooms; Takamatsu, Japan, 16-17 November 1987.	E
19	IOC Workshop on Marine Science Syllabus for Secondary Schools; Llantwit Major, Wales, U.K.,	E (out of stock), S, R, Ar	38	IOC/ROPME/UNEP Symposium on Fate and Fluxes of Oil Pollutants in the Kuwait Action Plan Region; Basrah, Iraq, 8-12 January 1984.	E	58	International Workshop on the Technical Aspects of the Tsunami Warning System; Novosibirsk, USSR, 4-5 August 1989.	E
			39	CCOP (SOPAC)-IOC-IFREMER-ORSTOM Workshop on the Uses of Submersibles and Remotely Operated Vehicles in the South Pacific; Suva, Fiji,	E	58 Suppl.	Second International Workshop on the Technical Aspects of Tsunami Warning Systems, Tsunami Analysis, Preparedness,	E

No.	Title	Languages	No.	Title	Languages	No.	Title	Languages
	Observation and Instrumentation. Submitted Papers; Novosibirsk, USSR, 4-5 August 1989.					103	Liège, Belgium, 5-9 May 1994. IOC Workshop on GIS Applications in the Coastal Zone Management of Small Island Developing States; Barbados, 20-22 April 1994.	E
59	IOC-UNEP Regional Workshop to Review Priorities for Marine Pollution Monitoring Research, Control and Abatement in the Wider Caribbean; San José, Costa Rica, 24-30 August 1989.	E, F, S	83	IOC Workshop on Donor Collaboration in the Development of Marine Scientific Research Capabilities in the Western Indian Ocean Region; Brussels, Belgium, 12-13 October 1992.	E	104	Workshop on Integrated Coastal Management; Dartmouth, Canada, 19-20 September 1994.	E
60	IOC Workshop to Define IOCARIBE-TRODERP proposals; Caracas, Venezuela, 12-16 September 1989.	E	84	Workshop on Atlantic Ocean Climate Variability; Moscow, Russian Federation, 13-17 July 1992.	E	105	BORDOMER 95: Conference on Coastal Change; Bordeaux, France, 6-10 February 1995.	E
61	Second IOC Workshop on the Biological Effects of Pollutants; Bermuda, 10 September-2 October 1988.	E	85	IOC Workshop on Coastal Oceanography in Relation to Integrated Coastal Zone Management; Kona, Hawaii, 1-5 June 1992.	E	Suppl.	Conference on Coastal Change: Proceedings; Bordeaux, France, 6-10 February 1995.	E
62	Second Workshop of Participants in the Joint FAO-IOC-WHO-IAEA-UNEP Project on Monitoring of Pollution in the Marine Environment of the West and Central African Region; Accra, Ghana, 13-17 June 1988.	E	86	International Workshop on the Black Sea; Varna, Bulgaria, 30 September - 4 October 1991.	E	106	IOC/WESTPAC Workshop on the Paleographic Map; Bali, Indonesia, 20-21 October 1994.	E
63	IOC/WESTPAC Workshop on Co-operative Study of the Continental Shelf Circulation in the Western Pacific; Bangkok, Thailand, 31 October-3 November 1989.	E	87	Taller de trabajo sobre efectos biológicos del fenómeno «El Niño» en ecosistemas costeros del Pacífico Sudeste; Santa Cruz, Galápagos, Ecuador, 5-14 de octubre de 1989.	S only (summary in E, F, S)	107	IOC-ICSU-NIO-NOAA Regional Workshop for Member States of the Indian Ocean - GODAR-III; Dona Paula, Goa, India, 6-9 December 1994.	E
64	Second IOC-FAO Workshop on Recruitment of Penaeid Prawns in the Indo-West Pacific Region (PREP); Phuket, Thailand, 25-31 September 1989.	E	88	IOC-CEC-ICSU-ICES Regional Workshop for Member States of Eastern and Northern Europe (GODAR Project); Obninsk, Russia, 17-20 May 1993.	E	108	UNESCO-IHP-IOC-IAEA Workshop on Sea-Level Rise and the Multidisciplinary Studies of Environmental Processes in the Caspian Sea Region; Paris, France, 9-12 May 1995.	E
65	Second IOC Workshop on Sardine/Anchovy Recruitment Project (SARP) in the Southwest Atlantic; Montevideo, Uruguay, 21-23 August 1989.	E	89	IOC-ICSEM Workshop on Ocean Sciences in Non-Living Resources; Perpignan, France, 15-20 October 1990.	E	Suppl.	Workshop on Sea-Level Rise and the Multidisciplinary Studies of Environmental Processes in the Caspian Sea Region; Submitted Papers; Paris, France, 9-12 May 1995.	E
66	IOC ad hoc Expert Consultation on Sardine/Anchovy Recruitment Programme; La Jolla, California, U.S.A., 1989.	E	90	IOC Seminar on Integrated Coastal Management; New Orleans, U.S.A., 17-18 July 1993.	E	109	First IOC-UNEP CEPOL Symposium; San José, Costa Rica, 14-15 April 1993.	E
67	Interdisciplinary Seminar on Research Problems in the IOCARIBE Region; Caracas, Venezuela, 28 November-1 December 1989.	E (out of stock)	91	Hydroblack'91 CTD Intercalibration Workshop; Woods Hole, U.S.A., 1-10 December 1991.	E	110	IOC-ICSU-CEC regional Workshop for Member States of the Mediterranean - GODAR-IV (Global Oceanographic Data Archeology and Rescue Project) Foundation for International Studies, University of Malta, Valletta, Malta, 25-28 April 1995.	E
68	International Workshop on Marine Acoustics; Beijing, China, 26-30 March 1990.	E	92	Réunion de travail IOCEA-OSNLR sur le Projet « Budgets sédimentaires le long de la côte occidentale d'Afrique » Abidjan, Côte d'Ivoire, 26-28 juin 1991.	E	111	Chapman Conference on the Circulation of the Intra-Americas Sea; La Parguera, Puerto Rico, 22-26 January 1995.	E
69	IOC-SCAR Workshop on Sea-Level Measurements in the Antarctica; Leningrad, USSR, 28-31 May 1990.	E	93	IOC-UNEP Workshop on Impacts of Sea-Level Rise due to Global Warming. Dhaka, Bangladesh, 16-19 November 1992.	E	112	IOC-IAEA-UNEP Group of Experts on Standards and Reference Materials (GESREM) Workshop; Miami, U.S.A., 7-8 December 1993.	E
69 Suppl.	IOC-SCAR Workshop on Sea-Level Measurements in the Antarctica; Submitted Papers; Leningrad, USSR, 28-31 May 1990.	E	94	BMTC-IOC-POLARMAR International Workshop on Training Requirements in the Field of Eutrophication in Semi-enclosed Seas and Harmful Algal Blooms, Bremerhaven, Germany, 29 September-3 October 1992.	E	113	IOC Regional Workshop on Marine Debris and Waste Management in the Gulf of Guinea; Lagos, Nigeria, 14-16 December 1994.	E
70	IOC-SAREC-UNEP-FAO-IAEA-WHO Workshop on Regional Aspects of Marine Pollution; Mauritius, 29 October - 9 November 1990.	E	95	SAREC-IOC Workshop on Donor Collaboration in the Development of Marine Scientific Research Capabilities in the Western Indian Ocean Region; Brussels, Belgium, 23-25 November 1993.	E	114	International Workshop on Integrated Coastal Zone Management (ICZM) Karachi, Pakistan; 10-14 October 1994.	E
71	IOC-FAO Workshop on the Identification of Penaeid Prawn Larvae and Postlarvae; Cleveland, Australia, 23-28 September 1990.	E	96	IOC-UNEP-WMO-SAREC Planning Workshop on an Integrated Approach to Coastal Erosion, Sea Level Changes and their Impacts; Zanzibar, United Republic of Tanzania, 17-21 January 1994.	E	115	IOC/GLOSS-IAPSO Workshop on Sea Level Variability and Southern Ocean Dynamics; Bordeaux, France, 31 January 1995.	E
72	IOC/WESTPAC Scientific Steering Group Meeting on Co-Operative Study of the Continental Shelf Circulation in the Western Pacific; Kuala Lumpur; Malaysia, 9-11 October 1990.	E	Suppl.	IOC-UNEP-WMO-SAREC Planning Workshop on an Integrated Approach to Coastal Erosion, Sea Level Changes and their Impacts; Submitted Papers 1. Coastal Erosion; Zanzibar, United Republic of Tanzania 17-21 January 1994.	E	116	IOC/WESTPAC International Scientific Symposium on Sustainability of Marine Environment: Review of the WESTPAC Programme, with Particular Reference to ICAM, Bali, Indonesia, 22-26 November 1994.	E
73	Expert Consultation for the IOC Programme on Coastal Ocean Advanced Science and Technology Study; Liège, Belgium, 11-13 May 1991.	E	96 Suppl.	IOC-UNEP-WMO-SAREC Planning Workshop on an Integrated Approach to Coastal Erosion, Sea Level Changes and their Impacts; Submitted Papers 2. Sea Level; Zanzibar, United Republic of Tanzania 17-21 January 1994.	E	117	Joint IOC-CIDA-Sida (SAREC) Workshop on the Benefits of Improved Relationships between International Development Agencies, the IOC and other Multilateral Inter-governmental Organizations in the Delivery of Ocean, Marine Affairs and Fisheries Programmes; Sidney B.C., Canada, 26-28 September 1995.	E
74	IOC-UNEP Review Meeting on Oceanographic Processes of Transport and Distribution of Pollutants in the Sea; Zagreb, Yugoslavia, 15-18 May 1989.	E	97	IOC Workshop on Small Island Oceanography in Relation to Sustainable Economic Development and Coastal Area Management of Small Island Developing States; Fort-de-France, Martinique, 8-10 November 1993.	E	118	IOC-UNEP-NOAA-Sea Grant Fourth Caribbean Marine Debris Workshop; La Romana, Santo Domingo, 21-24 August 1995.	E
75	IOC-SCOR Workshop on Global Ocean Ecosystem Dynamics; Solomons, Maryland, U.S.A., 29 April-2 May 1991.	E	98	CoMSBlack '92A Physical and Chemical Intercalibration Workshop; Erdemli, Turkey, 15-29 January 1993.	E	119	IOC Workshop on Ocean Colour Data Requirements and Utilization; Sydney B.C., Canada, 21-22 September 1995.	E
76	IOC/WESTPAC Scientific Symposium on Marine Science and Management of Marine Areas of the Western Pacific; Penang, Malaysia, 2-6 December 1991.	E	99	IOC-SAREC Field Study Exercise on Nutrients in Tropical Marine Waters; Mombasa, Kenya, 5-15 April 1994.	E	120	International Training Workshop on Integrated Coastal Management; Tampa, Florida, U.S.A., 15-17 July 1995.	E
77	IOC-SAREC-KMFRRI Regional Workshop on Causes and Consequences of Sea-Level Changes on the Western Indian Ocean Coasts and Islands; Mombasa, Kenya, 24-28 June 1991.	E	100	IOC-SOA-NOAA Regional Workshop for Member States of the Western Pacific - GODAR-II (Global Oceanographic Data Archeology and Rescue Project); Tianjin, China, 8-11 March 1994.	E	121	Atelier régional IOC-CERESCOR sur la gestion intégrée des zones littorales (ICAM), Conakry, Guinée, 18-22 décembre 1995.	F
78	IOC-CEC-ICES-WMO-ICSU Ocean Climate Data Workshop Goddard Space Flight Center; Greenbelt, Maryland, U.S.A., 18-21 February 1992.	E	101	IOC Regional Science Planning Workshop on Harmful Algal Blooms; Montevideo, Uruguay, 15-17 June 1994.	E	122	IOC-EU-BSH-NOAA-(WDC-A) International Workshop on Oceanographic Biological and Chemical Data Management. Hamburg, Germany, 20-23 May 1996.	E
79	IOC/WESTPAC Workshop on River Inputs of Nutrients to the Marine Environment in the WESTPAC Region; Penang, Malaysia, 26-29 November 1991.	E	102	First IOC Workshop on Coastal Ocean Advanced Science and Technology Study (COASTS);	E	123	Second IOC Regional Science Planning Workshop on Harmful Algal Blooms in South America; Mar del Plata, Argentina, 30 October-1 November 1995.	E, S
80	IOC-SCOR Workshop on Programme Development for Harmful Algae Blooms; Newport, U.S.A., 2-3 November 1991.	E				124	GLOBEC-IOC-SAHFOS-MBA Workshop on the Analysis of Time Series with Particular Reference to the Continuous Plankton Recorder Survey; Plymouth, U.K., 4-7 May 1993.	E
81	Joint IAPSO-IOC Workshop on Sea Level Measurements and Quality Control; Paris, France, 12-13 October 1992.	E				125	Atelier sous-régional de la COI sur les ressources marines vivantes du Golfe de Guinée ; Cotonou, Bénin, 1-4 juillet 1996.	E
82	BORDOMER 92: International Convention on Rational Use of Coastal Zones. A Preparatory	E						

No.	Title	Languages	No.	Title	Languages	No.	Title	Languages
126	IOC-UNEP-PERSGA-ACOPS-IUCN Workshop on Oceanographic Input to Integrated Coastal Zone Management in the Red Sea and Gulf of Aden. Jeddah, Saudi Arabia, 8 October 1995.	E	155	project) Capetown, South Africa, 30 November-11 December 1998. Science of the Mediterranean Sea and its applications UNESCO, Paris 29-31 July 1997	E	189	Workshop for the Formulation of a Draft Project on Integrated Coastal Management (ICM) in Latin America and the Caribbean (LAC), Cartagena, Colombia, 23-25 October 2003	E F <i>(electronic copy only)</i>
127	IOC Regional Workshop for Member States of the Caribbean and South America GODAR-V (Global Oceanographic Data Archeology and Rescue Project); Cartagena de Indias, Colombia, 8-11 October 1996.	E	156	IOC-LUC-KMFRI Workshop on RECOSEC-WIO in the Year 2000 and Beyond, Mombasa, Kenya, 12-16 April 1999	E		Taller de Formulación de un Anteproyecto de Manejo Costero Integrado (MCI) en América Latina y el Caribe (ALC), Cartagena, Colombia, 23-25 de Octubre de 2003	
128	Atelier IOC-Banque Mondiale-Sida/SAREC-ONE sur la Gestion Intégrée des Zones Côtières ; Nosy Bé, Madagascar, 14-18 octobre 1996.	E	157	'98 IOC-KMI International Workshop on Integrated Coastal Management (ICM), Seoul, Republic of Korea 16-18 April 1998	E			
129	Gas and Fluids in Marine Sediments, Amsterdam, the Netherlands; 27-29 January 1997.	E	158	The IOC-ARIBE Users and the Global Ocean Observing System (GOOS) Capacity Building Workshop, San José, Costa Rica, 22-24 April 1999	E			
130	Atelier régional de la COI sur l'océanographie côtière et la gestion de la zone côtière ;Moroni, RFI des Comores, 16-19 décembre 1996.	E	159	Oceanic Fronts and Related Phenomena (Konstantin Federov Memorial Symposium) – Proceedings, Pushkin, Russian Federation, 18-22 May 1998	E			
131	GOOS Coastal Module Planning Workshop; Miami, USA, 24-28 February 1997	E	160	Under preparation				
132	Third IOC-FANSA Workshop; Punta-Arenas, Chile, 28-30 July 1997	S/E	161	Under preparation				
133	Joint IOC-CIESM Training Workshop on Sea-level Observations and Analysis for the Countries of the Mediterranean and Black Seas; Birkenhead, U.K., 16-27 June 1997.	E	162	Workshop report on the Transports and Linkages of the Intra-americas Sea (IAS); Cozumel, Mexico, 1-5 November 1997	E			
134	IOC/WESTPAC-CCOP Workshop on Paleogeographic Mapping (Holocene Optimum); Shanghai, China, 27-29 May 1997	E	163	Under preparation				
135	Regional Workshop on Integrated Coastal Zone Management; Chabahar, Iran; February 1996.	E	164	IOC-Sida-Flanders-MCM Third Workshop on Ocean Data Management in the IOCINCWIO Region (ODINEA Project), Cape Town, South Africa, 29 November – 11 December 1999	E			
136	IOC Regional Workshop for Member States of Western Africa (GODAR-VI); Accra, Ghana, 22-25 April 1997.	E	165	An African Conference on Sustainable Integrated Management; Proceedings of the Workshops, An Integrated Approach, (PACISCOM), Maputo, Mozambique, 18 –25 July 1998	E, F			
137	GOOS Planning Workshop for Living Marine Resources, Dartmouth, USA; 1-5 March 1996.	E	166	IOC-SOA International Workshop on Coastal Megacities: Challenges of Growing Urbanization of the World's Coastal Areas; Hangzhou, P.R. China, 27 –30 September 1999	E			
138	Gestión de Sistemas Oceanográficos del Pacífico Oriental; Concepción, Chile, 9-16 de abril de 1996.	S	167	IOC-Flanders First ODINAFRICA-II Planning Workshop, Dakar, Senegal, 2-4 May 2000	E			
139	Sistemas Oceanográficos del Atlántico Sudoccidental; Taller, TEMA;Furg, Rio Grande, Brasil, 3-11 de noviembre de 1997	S	168	Geological Processes on European Continental Margins; International Conference and Eight Post-cruise Meeting of the Training-Through-Research Programme, Granada, Spain, 31 January – 3 February 2000	E			
140	IOC Workshop on GOOS Capacity Building for the Mediterranean Region; Valletta, Malta, 26-29 November 1997.	E	169	International Conference on the International Oceanographic Data & Information Exchange in the Western Pacific (IODE-WESTPAC) 1999, ICIMP '99, Langkawi, Malaysia, 1-4 November 1999	<i>under preparation</i>			
141	IOC/WESTPAC Workshop on Co-operative Study in the Gulf of Thailand: A Science Plan; Bangkok, Thailand, 25-28 February 1997.	E	170	IOC-ARIBE-GODAR-I Cartagena, Colombia, February 2000	<i>under preparation</i>			
142	Pelagic Biogeography ICoPB II. Proceedings of the 2nd International Conference. Final Report of SCOR/IOC Working Group 93; Noordwijkerhout, The Netherlands, 9-14 July 1995.	E	171	Ocean Circulation Science derived from the Atlantic, Indian and Arctic Sea Level Networks, Toulouse, France, 10-11 May 1999	E			
143	Geosphere-biosphere coupling: Carbonate Mud Mounds and Cold Water Reefs; Gent, Belgium, 7-11 February 1998.	E	172	(Under preparation)				
144	IOC-SOPAC Workshop Report on Pacific Regional Global Ocean Observing Systems; Suva, Fiji, 13-17 February 1998.	E	173	The Benefits of the Implementation of the GOOS in the Mediterranean Region, Rabat, Morocco, 1-3 November 1999	E, F			
145	IOC-Black Sea Regional Committee Workshop: 'Black Sea Fluxes' Istanbul, Turkey, 10-12 June 1997.	E	174	IOC-SOPAC Regional Workshop on Coastal Global Ocean Observing System (GOOS) for the Pacific Region, Apia, Samoa, 16-17 August 2000	E			
146	Living Marine Resources Panel Meeting, Paris, France, 23-25 March 1998.	E	175	Geological Processes on Deep-water European Margins, Moscow-Mozhenka, 28 Jan.-2 Feb. 2001	E			
147	IOC-SOA International Training Workshop on the Integration of Marine Sciences into the Process of Integrated Coastal Management, Dalian, China, 19-24 May 1997.	E	176	MedGLOSS Workshop and Coordination Meeting for the Pilot Monitoring Network System of Systematic Sea Level Measurements in the Mediterranean and Black Seas, Haifa, Israel, 15-17 May 2000	E			
148	IOC/WESTPAC International Scientific Symposium – Role of Ocean Sciences for Sustainable Development Okinawa, Japan, 2-7 February 1998.	E	177	(Under preparation)				
149	Workshops on Marine Debris & Waste Management in the Gulf of Guinea, 1995-97.	E	178	(Under preparation)				
150	First IOC-ARIBE-ANCA Workshop Havana, Cuba, 29 June-1 July 1998.	E	179	(Under preparation)				
151	Taller Pluridisciplinario TEMA sobre Redes del Gran Caribe en Gestión Integrada de Areas Costeras Cartagena de Indias, Colombia, 7-12 de septiembre de 1998.	S	180	Abstracts of Presentations at Workshops during the 7 th session of the IOC Group of Experts on the Global Sea Level Observing System (GLOSS), Honolulu, USA, 23-27 April 2001	E			
152	Workshop on Data for Sustainable Integrated Coastal Management (SICOM) Maputo, Mozambique, 18-22 July 1998	E	181	(Under preparation)				
153	IOC/WESTPAC-Sida (SAREC) Workshop on Atmospheric Inputs of Pollutants to the Marine Environment Qingdao, China, 24-26 June 1998	E	182	(Under preparation)				
154	IOC-Sida-Flanders-SFRI Workshop on Ocean Data Management in the IOCINCWIO Region (ODINEA	E	183	Geosphere/Biosphere/Hydrosphere Coupling Process, Fluid Escape Structures and Tectonics at Continental Margins and Ocean Ridges, International Conference & Tenth Post-cruise Meeting of the Training-through-Research Programme, Aveiro, Portugal, 30 January-2 February 2002	E			
			184	(Under preparation)				
			185	(Under preparation)				
			186	(Under preparation)				
			187	Geological and Biological Processes at deep-sea European Margins and Oceanic Basins, Bologna, Italy, 2-6 February 2003	E			
			188	Proceedings of 'The Ocean Colour Data' Symposium, Brussels, Belgium, 25-27 November 2002	E			