

**SACEP-NORAD**  
**Training Course in Integrated Management of Coastal and Marine**  
**Protected Areas in South Asia**

**Maldives, September, 1998**

**Training Course Report**

**1. Introduction**

This report is a summary of outcomes of the Training Course in Integrated Management of Coastal and Marine Protected Areas in South Asia held in the Republic of Maldives from 2 - 10 September 1998. This report represents the views of the principal contractor (the Great Barrier Reef Marine Park Authority) and is designed to assist SACEP in assessing both the work of the principal contractor and to add value to the preparation of similar courses in the future.

**2. Course Outline**

A copy of the course program is at Attachment 1. This version of the program differs from that presented prior to the commencement of the course. A flexible approach to the program was necessary to cope with developing issues and changing availability of resource persons during the course.

**3. Venue**

The venue at Paradise Island, Republic of Maldives, was excellent. Standards of accommodation and meals were high. There are distinct benefits of holding such a course in a self-contained venue in terms of focussing the minds of trainers and trainees, alike. There was, however, even in a location such as Paradise Island, disruption to the program caused by a prevailing desire by participants to take some time off for recreation purposes after four days (see Logistics).

The training room was ideal with all electronic aids available and in good order. The layout of the room was useful for lecture presentations, "break-out" activities and ceremonies. The closely located resource room with computer, printer, copier and Internet services was an excellent adjunct and added to the effectiveness and efficiency of the course.

**4. Logistics**

There were few problems with the logistics of the course from the contractor's perspective. No materials were lost or delayed in transit and all materials arrived in good order. It is worth remembering for future reference that the importation of videos to the Maldives is strictly controlled. To facilitate the inevitable temporary confiscation of video materials for censorship viewing, such videos should be carried in presenters' Personal luggage.

It was noticeable that after four complete days of intensive study the participants were looking for a break. Future courses of 7 - 10 days' duration should factor in a break of half a day after 4 days for participant rest. This period should allow, if required, for the contractor(s) to be available for informal discussions with participants.

**5. Course Outcomes**

**5.1 Resource Persons**

The principle of using "in-country" resource persons is a good one and should be continued in future courses. In-country resource persons offer different teaching methods, local knowledge, local case studies and build their own capacity by the experience of participating in these courses. In future courses it would be desirable for more information about the levels of experience of the course participants to be known beforehand in order to enable the most effective use of resource persons (see below).

## 5.2 Training Course Participants

Attachment 2 lists the names and addresses of the participants in the course. The course program was developed and delivered without prior knowledge of the background and skills of the participants. The course presenters have concluded that the participants had a wide range of background experiences and skills in natural resource management but it was also clear that probably none of the participants directly fitted the criteria developed at the Kandalama scoping workshop in July, 1997 ("*... potential and actual middle level coastal and marine protected areas managers...*") This range of experiences significantly affected the way in which the course developed. Attachment 3A presents a summary of the daily evaluation sheets completed by the participants. While it can be seen that, overall, the course appeared to be well received it is believed that participants drawn more closely from the field of "actual managers" in coastal zone management would have revealed higher scores in the "Value" and "Relevance" fields. There were several instances where participants were informally asked of their experiences in field management of marine or coastal areas (nil positive response) and environmental impact assessment (nil positive response). Attachment 3B presents the overall course evaluations by all participants. These are presented in their original form, as there are a number of valid suggestions for future improvement for this course. Significant in these suggestions are:

- ◆ *"...include donor assistance availability in protected area management.."*
- ◆ *"...application of GIS to be more relevant to marine environment.."*
- ◆ *a more practical use of the field trip.*
- ◆ *a positive response to the use of case studies.*
- ◆ *"... future courses should be focussed on participating countries' problem.*

## 6. Recommendations

- a) Future training course should utilise a fully self contained venue away from potential distractions for participants and presenters alike.
- b) A well equipped resource room at the presentation venue is essential.
- c) It is highly recommended that the background experience and level of training of the participants is known to the course presenters before the course outline is finalised.
- d) The detail of the content of future courses will need to be adjusted according to the background skills and experiences of the participants
- c) The use of "in-country" resource persons should be maintained.
- f) A half day break should be factored in to the course to provide participants with a time to relax and reflect on things that they have learned.

## 7. Thanks

I would like to take this opportunity to thank:

- \* SACEP, for permitting the involvement of the Great Barrier Reef Marine Park Authority in co-ordinating the presentation of this course;
- \* the Government of Norway, through NORAD for financial support for the course; and
- \* the staff of the Maldives Ministry of Fisheries and Agriculture for their highly professional assistance in all aspects of the day-to-day running of the course.

John Baldwin  
Acting Manager  
Training and Advisory Services, GBRMPA  
22 October, 1998

## SACEP-NORAD Regional Training Programme Maldives, 3 - 10 September 1998 Schedule

<b>Thursday 3 September</b>		
<b>a.m.</b>	OPENING CEREMONY	
	Introduction to Course and Global Perspective of MPA Management	John Baldwin
	BREAK	
<b>a.m.</b>	Definition and Importance of the Coastal Zone – Contrast Marine and Terrestrial Systems	David Hopley
	LUNCH	
<b>p.m.</b>	International Marine Law, Jurisdiction and Treaty Organisations	David Hopley
	BREAK	
	International Coral Reef Initiative	John Baldwin
	Reception Hosted by Dr. Ananda Raj Joshi , DG, SACEP	

<b>Friday 4 September</b>		
<b>a.m.</b>	Workshop 1	John Baldwin David Hopley
	National delegates each to present a 5 minute presentation on <b>either</b> their country's approach to coastal zone/marine planning <b>or</b> a specific issue in their country and examples of planning approaches.	
	LUNCH	
<b>p.m.</b>	Coastal and Marine Ecosystems 1 Tropical Coast and Processes	David Hopley
	BREAK	
	Mangroves, Coral Reefs Coastal Erosion as a Management Problem	David Hopley

<b>Saturday 5 September</b>		
<b>a.m.</b>	Fundamentals of Planning Strategic Planning Visions, Goals and Objectives	David Hopley
	BREAK	
	Example of GBRMP 25 year Strategic Plan and Processes Involved	John Baldwin
	LUNCH	
<b>p.m.</b>	Workshop 2 Role playing exercise – Providing vision and goals for a Case Study which will be Rodrigues Island, Mauritius	John Baldwin David Hopley

<b>Sunday 6 September</b>		
<b>a.m.</b>	MPA Planning	David Hopley
	BREAK	
	Public Participation. Collaboration or Community based Management Planning	Arjan Rajasuriya
	LUNCH	

<b>p.m.</b>	Workshop 3 Development of a i) Ministerial Briefing ii) Cabinet Submission iii) Media Release Based on the Rodrigues Case Study	John Baldwin David Hopley
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<b>Monday 7 September</b>		
<b>a.m.</b>	Environmental Impact Assessment 1 Concepts	Dr. B. R. Subramanian
	BREAK	
	Environmental Impact Assessment 2 Application and Design (including monitoring)	David Hopley
	LUNCH	
<b>p.m.</b>	Workshop 4 Application of GIS	Kumar Kotta

<b>Tuesday 8 September</b>		
Field Visit to an adjacent island to examine Coastal Management in the Maldives.		

<b>Wednesday 9 September</b>		
<b>a.m.</b>	Tools for Management Valuing the Environment Economic Instruments	David Hopley
	BREAK	
	Review: Monitoring and Remote Sensing of Coral Reefs	David Hopley
	LUNCH	
<b>p.m.</b>	Tools for Management Public Education and Awareness	David Hopley
	BREAK	
	Zoning and Surveillance. Example of GBRMP	John Baldwin

<b>Thursday 10 September</b>		
<b>a.m.</b>	Global Coral Reef Monitoring	Jason Rubens
	BREAK	
	Workshop Development of a Monitoring Programme	Jason Rubens
	LUNCH	
<b>p.m.</b>	Operational and Day to Day Management	John Baldwin
	Global Climate Change – Implications for Management	David Hopley
	Course Review and Evaluation	John Baldwin David Hopley
	CLOSING CEREMONY	

**TRAINING COURSE IN INTEGRATED MANAGEMENT OF COASTAL  
AND MARINE PROTECTED AREAS**

Attachment 2

*3 -10 September 1998, Paradise Island Resort, Maldives*

**Participants List**

<b>No.</b>	<b>Name</b>	<b>Designation</b>	<b>Organisation</b>	<b>Tel.</b>	<b>Fax</b>	<b>E-mail</b>
<b>BANGLADESH</b>						
1	Mr. S.M. Munjural Hannan Khan	Project Co-ordinator	NCS Implementation Project Ministry of Environment & Forests House No. 50/1, Road No. 11 A Dhanmondi, Dhaka, BANGLADESH	822744	810714	iucnbd@citechco.net
2	Mr. M. Ibrahim	Deputy Secretary	Ministry of Environment & Forests Bangladesh Secretariat, Dhaka-ION Government of BANGLADESH	867472	860291	
<b>INDIA</b>						
3	Dr.P. N. Sridhar	Principal Scientific Officer	ICMAM Project Directorate, Department of Ocean Development, Anna University Campus, Koodil Building, Chennai 600 025, INDIA	2355976	2355975	Pnsri@hotmail.com
4	Mr. K.S. Sripathi	Secretary to Govt. of Tamil- nadu Environment Dept.	Environment Department of Tamilnadu Chennai, 600 009, INDIA	561511	560560	sripathi@md2.vsnl.net.in
<b>MALDIVES</b>						
5	Mr. Muaviyath Shakeeb	Secretary	Meemu Atoll Office M. Muli MALDIVES			
6	Mr. Abdul Majeed Abdul Ghanee	Secretary	Vaavu Atoll Office V. Felidhoo MALDIVES	450502		
7	Mr. Moosa Zameer Hassan	Environment Analyst	Ministry of Tourism Male', MALDIVES	323224	322512	info@visitmaldives.com
8	Mr. Mohamed Zuhair	Asst. Environment Analyst	Environment Research Unit Ministry of Planning, Human Resources and Environment, Villingili Male', MALDIVES	390046	390516	eru@planning.gov.mv
9	Mr. Adam Hassan Hussain	Environment Officer	Ministry of Planning, Human Resources and Environment, Male', MALDIVES	324861	327351	
10	Mr. Mohamed Faiz		Marine Research Section Ministry of Fisheries and Agriculture Male', MALDIVES	322242	322509	marine@fishagri.gov.mv

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<b>PAKISTAN</b>						
11	Mr. Saadat Ali Khan	Ichthyologist	Zoological Survey Department, Govt. of Pakistan, Block-61, Pakistan Secretariat, Shahrah-e-Irq, Karachi - 74200, PAKISTAN	9203334		
12	Mr. Najamuddin Vistro	Divisional Forest Officer / Project Manager	Div. Jinal Avenue Model Colony Karachi, Sindh Forest Department, PAKISTAN	4503022		
<b>SRI LANKA</b>						
13	Mr. I. Dissanayake	Deputy Director / NRM	Central Environmental Authority New Secretariat Maligawata, Colombo-10, SRI LANKA	439073-6	439076	
14	Miss. K.B.C. Pushpalatha	Aquaculturist	Aquaculture Division, Ministry of Fisheries & Aquatic Resources Development, Colombo- 10, SRI LANKA	330960	330959	
<b>COASTAL ZONE MANAGEMENT CENTRE</b>						
15	Miss. Dianeetha Sadacharan	Senior Project Manager	National Institute for Coastal and Marine Management, Coastal Zone Management Centre, P.O. Box 20907, 2500 EX, The Hague	3114367	3114380	d.sadacharan@rik2.rws.minvenw.nl
<b>RESOURCE PERSONS</b>						
16	Mr. Pradyumna Kumar Kotta	Project Co-ordinator	SACEP	589787		pk_sacep@eureka.lk
17	Dr. B. R. Subramaniam	Project Director	DOD-ICMAN Project Directorate, Department of Ocean Development, Anna University Campus, Chennai 600 025, INDIA	2355975	2355975	
18	Mr. Jason Ruben	GCRMN Co-ordinator				
<b>SECRETARIAT</b>						
19	Dr. A.R. Joshi	Director General	SACEP			
20	Mr. Prasantha Dias Abeygunawardena		SACEP			
21	Mr. Ibrahim Nadheeh	Assistant Research Officer	Marine Research Section			
22	Mr. Ismail Abid	Trainee	Marine Research Section			

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	<b>COURSE CO-ORDINATOR</b>					
23	Mr. John Baldwin	Acting Director	Training and Advisory Services Great Barrier Reef Marine Park Authority AUSTRALIA	4.8E+07	4.7E+07	j.baldwin@gbrmpa.gov.au
	<b>COURSE PRESENTER</b>					
24	Dr. David Hopley	Consultant	Coastal and Marine Consultancies Pte Ltd.	4.7E+07	4.8E+07	david.hopley@ultra.net.au