

Annex IV

Report of the Implementation of CEARAC Activities in 2005

1. Introduction

1.1 The 2nd CEARAC Focal Points Meeting (FPM) (Toyama, Japan, 15-17 March 2004) adopted the workplan and budget of the CEARAC 2004-2005 activities. The total budget of workplan of CEARAC for the 2004-2005 biennium was US\$150,000 (UNEP/NOWPAP/CEARAC/FPM 2/10).

1.2 After the 2nd CEARAC FPM, with the consultation and approval of CEARAC Focal Points and the interim coordinator of NOWPAP, CEARAC made a slight change in the allocation of its budget. The new budget focused on National and Integrate Reports of NOWPAP Working Group 3 (WG3) and Working Group 4 (WG4) because of their importance.

1.3 The 9th Intergovernmental Meeting (IGM) (Busan, the Republic of Korea, 2-4 Nov. 2004) agreed on the workplan and budget of entire NOWPAP for the 2004-2005 biennium including the revised budget of US\$150,000 for the CEARAC activities (UNEP/NOWPAP/IG.9 5/1).

1.4 Following the revised workplan and budget of CEARAC for the 2004-2005 biennium, CEARAC has carried out the specific activities in cooperation with the four NOWPAP Members including CEARAC Focal Points and Experts of WG3 (Harmful Algal Bloom) and WG4 (Remote Sensing). In order to implement the designated projects and activities, CEARAC has been spending US\$150,000 in 2004 and 2005.

1.5 At the 3rd CEARAC FPM (Toyama, Japan, 15-16 Sept. 2005) the detailed activities and their expenditures (including expected ones) for the 2004-2005 biennium were reported and approved in Agenda item 5 (UNEP/NOWPAP/CEARAC/FPM 3/4). The progress of implementation of the CEARAC activities for the 2004-2005 biennium was also reported in the 10th IGM.

2. Detailed Activities for the 2004-2005 Biennium

table 1

Workplan and Budget of CEARAC for the 2004-2005 Biennium

Activity	Date & Venue	Responsibility	Planned Budget US\$	Expenditure US\$
Organization of CEARAC 2 nd Focal Points Meeting	March 2004; Toyama, Japan	CEARAC with assistance of RCU, UNEP and IOC-UNESCO	24,000	19,183
Publication of CEARAC Newsletter	August 2004	CEARAC	2,000	2,005
Preparation of National Reports of WG3(HAB)	June 2004-March 2005	FP with assistance of experts or consultants from each NOWPAP Member country	16,000	16,000
Preparation of National Reports of WG4(RS)	June 2004-March 2005	FP with assistance of experts or consultants from each NOWPAP Member country	16,000	16,000
Organization of 2 nd Meeting of WG3(HAB)	November 2004; Qingdao, China	CEARAC with assistance of Institute of Oceanology, Chinese Academy of Science (IOCAS)	18,000	17,875
Organization of 2 nd Meeting of WG4(RS)	October 2004; Beijing, China	CEARAC with assistance of China National Environmental Monitoring Center (CNEMC)	15,000	13,838
Harmonization of WG3 National Reports	September 2005	CEARAC through a regional consultant	3,000	2,750*
Harmonization of WG4 National Reports	September 2005	CEARAC through a regional consultant	3,000	2,750*
Organization of CEARAC 3 rd Focal Points Meeting	September 2005	CEARAC with assistance of RCU, UNEP and IOC-UNESCO	23,000	22,544
Publication of CEARAC Newsletter	November 2005	CEARAC	2,000	1,863
Preparation of Integrated Report of WG3	Through-out 2005	CEARAC through a regional consultant	5,000	4,613*
Preparation of Integrated Report of WG4	Through-out 2005	CEARAC through a regional consultant	5,000	4,613*
Printing of National/Integrated Reports	November/ December 2005	CEARAC	4,000	13,661

Intersessional Work	Throughout 2004 and 2005	CEARAC in cooperation with relevant organizations	6,000	5,873
Cooperation and coordination of CEARAC activities	Throughout 2004 and 2005	CEARAC in cooperation with UNEP, IOC-UNESCO and relevant organizations	8,000	6,432
TOTAL			150,000	150,000

* Although the budget was denominated in US dollars, actual payments were done in Japanese yen. The numbers in the table are calculated ones based on the exchange rate upon the payments.

2.1 Organization of CEARAC FPM

2.1.1 Organization of the 2nd CEARAC FPM

The 2nd CEARAC FPM was held on 15-17 March 2004 in Toyama, Japan. The Focal Points of the four NOWPAP Members, representatives of NOWPAP/DINRAC and NOWPAP/MERRAC, the director of NOWPAP/POMRAC and the secretariat of CEARAC participated in the meeting.

The main achievements of the meeting were as follows:

- (1) The meeting reviewed the budget of CEARAC for the 2002-2003 biennium and noted the achievements of the intersessional work.
- (2) The meeting adopted the Terms of References (TOR) for NOWPAP WG3 (HAB) and NOWPAP WG4 (RS) and discussed the specific activities and Work Plans on HAB and RS.
- (3) Furthermore, the meeting approved the draft workplan and budget of CEARAC for the 2004-2005 biennium.

Expenditure: US\$ 19,183

2.1.2 Organization of the 3rd CEARAC FPM

The 3rd CEARAC FPM was held on 15-16 September 2005 in Toyama, Japan. The Focal Points of the four NOWPAP Members, representatives of the four RACs, the coordinator and the administrative officer of NOWPAP RCU and the secretariat of CEARAC participated in the meeting.

The main achievements of the meeting were as follows:

- (1) The meeting reviewed the budget of CEARAC activities for the 2004-2005 biennium as well as the activities of WG 3 and W4.
- (2) The meeting reviewed the CEARAC workplan for the 2006-2007 biennium, in which MALITA, a new activity of CEARAC was included. The draft workplan and budget were approved.
- (3) The meeting agreed to submit all the approved reports and drafts to the 10th IGM for adoption.

Expenditure: US\$22,544

2.2 Organization of the 2nd WG3 (HAB) meeting

The 2nd NOWPAP WG3 (HAB) meeting was held on 25-26 November 2004 in Qingdao, the People's Republic of China with a warm support of the Institute of Oceanology, Chinese Academy of Science (IOCAS).

The main achievements of the meeting were as follows:

- (1) The meeting reviewed the progress made on the National Reports of WG3(HAB)

- (2) The meeting reviewed the development of HAB reference database and Cochlodinium Corresponding Group
- (3) The meeting discussed the contents of the Integrated Report of WG3(HAB)

Expenditure: US\$ 17,875

2.3 Organization of the 2nd WG4 (RS) meeting

The 2nd NOWPAP WG4 (RS) meeting was held on 14-15 October 2004 in Beijing, the People's Republic of China, with a warm support by the China National Environment Monitoring Center (CNEMC).

The main achievements of the meeting were as follows:

- (1) The meeting reviewed the progress made in the National Reports of WG4(RS)
- (2) The meeting reviewed the development of RS information network system such as a portal site on remote sensing and a web site on RS for oil spill monitoring
- (3) The meeting discussed the contents of the Integrated Report of WG4(RS)

Expenditure: US\$ 13,838

2.4 Intersessional Work for the 2004-2005 biennium

CEARAC has carried out the activities such as compiling the National and the Integrated Reports of WG3 (HAB) and WG4 (RS), renewing CEARAC web page, and printing pamphlets of *Cochlodinium*.

Expenditure: US\$ 70,128

2.4.1 Preparation of the National Reports of WG3(HAB) and WG4(RS)

CEARAC concluded the MOU with consultants and experts of each NOWPAP Member in order to carry out the preparation of the National Reports on HAB and RS. The scope of work is to collect existing information, to analyze wide variety of collected information, to make recommendation for national priorities and future activities and to summarize and report these research activities.

Expenditure: WG3 (HAB) US\$16,000 (4@\$4,000)

Expenditure: WG4 (RS) US\$16,000 (4@\$4,000)

2.4.2 Harmonization of WG3(HAB) and WG4(RS) National Reports

CEARAC concluded the MOU with regional consultants in order to carry out the harmonization of each National Report. The National Reports sent by NOWPAP Members have different levels of information. Therefore, the regional consultants review

the contents of all the National Reports and supplement information of the reports with additional data and explanations.

Expenditure: US\$5,500 (2@\$2,750)

2.4.3 Preparation of the Integrated Reports of WG3(HAB) and WG4(RS)

CEARAC concluded the MOU with regional consultants in order to prepare the Integrated Reports of WG3 (HAB) and WG4 (RS). The regional consultants made the Integrated Reports of both Working Groups based on the National Reports. The Integrated Reports describe perspectives of the entire NOWPAP Region about Harmful Algal Blooms and Remote Sensing.

Expenditure: US\$9,226 (2@\$4,613)

2.4.4 Printing of the National and the Integrated Reports of WG3 (HAB) and WG4 (RS)

The four National Reports which were authorized by each country on HAB and RS were published in one book respectively. Also, the Integrated Reports of each Working Group were published based on the National Reports, which were recognized as 'CEARAC Report'.

Expenditure: US\$13,661

2.4.5 CEARAC newsletter

The first issue of CEARAC Newsletter was published in September 2004; the second one was published in November 2005. They carry reports of implementation of CEARAC activities and future workplan and budget of CEARAC. The newsletters are distributed free of charge to people who are interested in CEARAC activities and special monitoring and coastal environment assessment.

Expenditure: US\$3,868

2.4.6 CEARAC web page maintenance

The CEARAC website greatly contributes to the wider publicity for CEARAC activities as well as CEARAC Newsletter. The improved homepage includes the National Reports and the Integrated Reports. Moreover, the improvement enables its users to easily access HAB Reference Database and a Portal Site on Remote Sensing.

Expenditure: US\$2,768

2.4.7 Printing pamphlets of *Cochlodinium*

Cochlodinium Corresponding Group (CCG), which is one of the activities of WG3 (HAB), published a pamphlet of *Cochlodinium*. CCG has collected information on *Cochlodinium*, one of the most concerned HAB species in the NOWPAP Region, and made *Cochlodinium* Homepage to give the information to the public. In order to disseminate information of this species to students, NGOs, and people who are interested in the marine environment, the homepage and the pamphlet are expected to be effective means.

Expenditure: US\$3,105

2.5 Cooperation, coordination of CEARAC activities throughout 2004 and 2005

CEARAC kept contact with NOWPAP RCU, other NOWPAP RACs, UNEP and other relevant regional and international organizations in order to promote the protection and management of the coastal and marine environment in the NOWPAP Region. Also under the same purposes, the director of CEARAC and his representative participated in Focal Points Meeting for DINRAC, MERRAC and POMRAC.

Expenditure: US\$6,432

2.5.1 Travel Expenses

The director of CEARAC attended the 9th NOWPAP IGM held on 2-4 November 2004 in Busan, the Republic of Korea and NOWPAP Intersessional Workshop held on 25-26 July 2005 in Seoul, the Republic of Korea.

Expenditure: US\$ 3,247

2.5.2 Communication and Others

CEARAC spent the allocated budget on communication and other related work of NOWPAP activities, such as express mail charges, remittance fees and office supplies.

Expenditure: US\$ 3,185

Appendix Detailed Breakdown of the CEARAC Expenditure for 2004-2005 biennium