

Annex V

Report on Implementation of CEARAC Activities for 2004 and 2005 Biennium

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 and 2005 activities. The total budget of workplan of CEARAC for 2004 and 2005 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 revised workplan and budget of entire NOWPAP for the 2004 and 2005 biennium (US\$150,000) for the CEARAC activities (UNEP/NOWPAP/IG.9 5/1).

1.4 Following the revised workplan and budget of CEARAC for 2004 and 2005, 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 (including expected expenditure).

1.5 Upon the completion of the 2004 and 2005 biennium, the 3rd CEARAC FPM is kindly requested to review the activities and budget of CEARAC for the 2004 and 2005 biennium.

2. Detailed Activities for the 2004 and 2005 Biennium

table 1

Workplan and Budget of CEARAC for 2004 and 2005

Activity	Date & Venue	Responsibility	Planned Budget US\$	Expenditures US\$(expected\$)
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	Spring 2005	CEARAC through a regional consultant	3,000	3,000
Harmonization of WG4 National Reports	Spring 2005	CEARAC through a regional consultant	3,000	3,000
Organization of CEARAC 3 rd Focal Points Meeting	September 2005	CEARAC with assistance of RCU, UNEP and IOC-UNESCO	23,000	(23,000)
Publication of CEARAC Newsletter	Summer 2005	CEARAC	2,000	(2,000)
Preparation of Integrated Report of WG3	Through-out 2005	CEARAC through a regional consultant	5,000	5,000
Preparation of Integrated Report of WG4	Through-out 2005	CEARAC through a regional consultant	5,000	5,000
Printing of National/Integrated Reports	By the end of 2005	CEARAC	4,000	(11,818)
Intersessional Work	Throughout 2004 and 2005	CEARAC in cooperation with relevant organizations	6,000	(8,034)

Cooperation and coordination of CEARAC activities	Throughout 2004 and 2005	CEARAC in cooperation with UNEP, IOC-UNESCO and relevant organizations	8,000	(4,247)
TOTAL			150,000	150,000

2.1 Organization of CEARAC FPM

2.1.1 Organization of the 2nd CEARAC FPM

The 2nd CEARAC FPM was held on 15 to 17 March, 2004 in Toyama, Japan. The nominated Focal Points of four NOWPAP Members, the director or the representative of NOWPAP/DINRAC, NOWPAP/MERRAC and 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 2002 and 2003 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 2004 and 2005.

Expenditure: US\$ 19,183

2.1.2 Organization of the 3rd CEARAC FPM

The 3rd CEARAC FPM will be held on 15 and 16 September, 2005 in Toyama, Japan. The nominated Focal Points of four NOWPAP Members, the director or the representative of NOWPAP/DINRAC, NOWPAP/MERRAC and NOWPAP/POMRAC and the secretariat of CEARAC will participate in the meeting. The meeting will review the intersessional activities of NOWPAP WG3 (HAB) and WG4 (RS) and discuss the CEARAC workplan for 2006 and 2007.

Expenditure (Expected): US\$23,000

2.2 Organization of the 2nd WG3 (HAB) meeting

The 2nd NOWPAP WG3 (HAB) meeting was held on 25 and 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 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 and 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 National Reports of WG4(RS)
- (2) The meeting reviewed the development of RS information network system such as portal site on remote sensing and web site on RS for oil spill monitoring
- (3) The meeting discussed the contents of Integrated Report of WG4(RS)

Expenditure: US\$ 13,838

2.4 Intersessional Work for 2004-2005

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

Expenditure (Expected): US\$ 71,857

2.4.1 Preparation of 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 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. National Reports sent by NOWPAP Members have different levels of information. Therefore the regional consultants review the contents of all National Reports and supplement information of the reports with additional data and explanations.

Expenditure: US\$6,000 (2@\$3,000)

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

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

Expenditure: US\$10,000 (2@\$5,000)

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

WG3 (HAB) and WG4 (RS) made National Reports on HAB and RS respectively. The four National Reports which were authorized by each country on HAB and RS will be published in one book respectively. Integrated Reports for each topic have been prepared based on the National Reports. CEARAC also is planning to issue Integrated Reports on HAB and RS at the end of 2005.

Expenditure (Expected): US\$11,818

2.4.5 CEARAC newsletter

The first issue of CEARAC Newsletter was published in September 2004. The second issue of CEARAC Newsletter will be published soon. 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 concerned with CEARAC activities and special monitoring and coastal environment assessment.

Expenditure: The first issue US\$2,005

Expenditure (Expected): The second issue US\$2,000

2.4.6 CEARAC web page maintenance

The CEARAC website greatly contributes to the wider publicity for CEARAC activities together with CEARAC Newsletter. CEARAC is planning to improvement of the contents such as HAB reference database and remote sensing of oil spill monitoring

Expenditure (Expected): US\$3,034

2.4.7 Printing pamphlets of *Cochlodinium*

Cochlodinium Corresponding Group (CCG), which is one of activities of WG3 (HAB), has prepared a pamphlet of *Cochlodinium*. CCG has collected information on *Cochlodinium*, 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 efficiently with the homepage, the pamphlet will be distributed to students, NGOs, and people who are interested in the marine environment.

Expenditure (Expected): US\$5,000

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 (Expected): US\$4,247

2.5.1 Travel Expenses

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

Expenditure: US\$ 3,247

2.5.2 Communication and Others

About a total amount of US\$ 1,000 will be spent on communication and others for related work of NOWPAP activities, including international telephone and express mail charges, remittance fees and office supplies.

Expenditure (Expected): US\$ 1,000

Annex Detailed Breakdown of the CEARAC Expenditure until 30 July 2005 for 2004 and 2005 biennium

Appendix Detailed Breakdown of the CEARAC Expenditure until 30 July 2005 for 2004-2005 biennium								
Quarter	Description				Expenditure			Reference
					JPY	USD	exchange rate	
	1200 Consultants							
3rd, 2005	1202	1 National Report of WG3(HAB)				12,000		
		(Japan,Korea,Russia: 4,000\$ each country)						
		2 National Report of WG (RS)				12,000		
		(Japan,Korea,Russia: 4,000\$ each country)						
	1600 Travel							
4th, 2004	1601	1 Travel an Official for NOWPAP 9th IGM				1,504		Director
		Dates & Venue: 2-4 November 2004, Busan, Korea						of CEARAC
3rd, 2005		2 Travel an Official for NOWPAP Intersessional Workshop				1,743		Director
		Dates & Venue: 25-26 July 2005, Seoul, Korea						of CEARAC
	3300 Meeting/Conference							
1st, 2004	3301	2nd CEARAC Focal Points Meeting						
		Dates & Venue: 15-17 March 2004, Toyama, Japan						
		1 Participants DSA, Flight/Railway/Ticket & Terminal Fee						
			(1) Mr. Zhang Jianhui		10,180	1,566		
			(2) Ms. Xin Jing		10,180	1,566		
			(3) Ms. Shang Yi		10,180	1,566		
			(4) Mr. Osamu Mizuno		98,000			
			(5) Dr. Yasuwo Fukuyo		100,900			
			(6) Dr. Ichio Asanuma		109,400			
			(7) Dr. Choi Hee Gu			1,483		
			(8) Dr. Yang Domg Beom			1,342		
			(9) Dr. Seong Gil Kang			1,350		

Quarter	Description				Expenditure			Reference
					JPY	USD	exchange rate	
				(10) Dr. Leonid Mitnik	10,620	1,340		
				(11) Dr. Vladimir Shulkin	10,620	1,240		
				(12) Dr. Kachur Anatoly	10,620	1,240		
					370,700	12,693		
					(\$3,530)	3,530	1\$=105JPY	
				2 Logistical Expenses				
				(1) Meeting Room	21,000			
				(2) Signboard	16,800			
				(3) Wireless Microphone (Rental)	70,088			
				(4) Binder for Documents	11,130			
				(5) Refreshment	29,839			
					148,857	1,418	1\$=105JPY	
	3302	2nd NOWPAP Working Group 3 Meeting (HAB)						
		Dates & Venue: 25-26 November 2004, Qingdao, China						
4th, 2004		1 Participants DSA, Flight/Railway/Ticket & Terminal Fee						
				(1) Mr. Zhang Jianhui		591		
				(2) Mr. Mingjiang Zhou		61		
				(3) Dr. Yasuwo Fukuyo		1,805		
				(4) Dr. Osamu Matsuda		1,352		
				(5) Dr. Sam-Geon Lee		923		
				(6) Dr. Lee Chang Kyu		976		
				(7) Dr. Vladimir Shulkin		1,405		
				(8) Dr. Tatiana Orlova		1,411		
				(9) Dr. Songhui Lu		700		
				(10) Dr. Hak-Gyoon Kim		976		
				(11) Mr. Masanobu Miyazaki		1,688		
				(12) Mr. Hitoshi Kikawada		1,688		
						13,576		

Quarter	Description				Expenditure			Reference
					JPY	USD	exchange rate	
				1 Logistic Expenses disbursed to IOCAS				
3rd, 2004				(1) initial payment		1,450		
1st, 2005				(2) final payment		745		
						2,195		
				3 Other Logistic Expenses				
4th, 2004				(1) file holder	10,752	104	1\$=103JPY	
	3303			2nd NOWPAP Working Group 4 Meeting (RS)				
				Dates & Venue: 14-15 October 2004, Beijing, China				
4th, 2004				1 Participants DSA, Flight/Railway/Ticket & Terminal Fee				
				(1) Ms. Xin Jing		72		
				(2) Dr. Chenghu Zhou		72		
				(3) Dr. Ichio Asanuma		760		
				(4) Dr. Joji Ishizaka		1,031		
				(5) Dr. Young-Sang Suh		799		
				(6) Dr. Sang-Woo Kim		799		
				(7) Dr. Leonid Mitnik		767		
				(8) Dr. Anatoly Alexanin		781		
				(9) Dr. Hiroshi Kawamura		1,047		
				(10) Mr. Masanobu Miyazaki		742		
				(11) Ms. Asami Murayama		1,048		
				(12) Mr. Hitoshi Kikawada		1,048		
				(13) Mr. Genki Terauchi		742		
						9,708		
				2 Logistic Expenses disbursed to CNEMC				

Quarter	Description				Expenditure			Reference
					JPY	USD	exchange rate	
	5304	Others						
1st, 2004		(1) 1st Quarter, 2004				100		
2nd, 2004		(2) 2nd Quarter, 2004				100		
	TOTAL					80,648		