

1 Background

The role of CEARAC is to coordinate with the NOWPAP Members for establishing a collaborative, regional monitoring programme for marine and coastal environment using remote sensing techniques. To play this role, CEARAC has been working with experts in NOWPAP Members under the framework of NOWPAP WG4.

As one of the highest priority of WG4 activity during 2004 to 2005, National Reports on Ocean Remote Sensing in the NOWPAP Region was prepared by each NOWPAP Members. CEARAC secretariat then compiled those National Reports and published Integrated Report on Ocean Remote Sensing for the NOWPAP Region in 2005. The work plan of WG4 for 2006-2007 was prepared by the CEARAC secretariat on the basis of suggestions proposed in the Integrate Report (Fig. 1.).

9.2 Recommendations on activities of WG4 for next two years

- 1) Refinement of the guidelines being prepared by NPEC for local governments of each country.
- 2) Training of young researchers, students, and officers of local governments, including a possible dedicated cruise.
- 3) Further development of a portal site, a web site on oil spill monitoring by remote sensing and an environmental watch system, including a reference database and digital library.
- 4) Joint activities with the IOC/WESTPAC ocean color project.
- 5) Search for other possible uses of satellite remote sensing for environmental monitoring in the NOWPAP Region.

Fig. 1. Suggestions proposed in the Integrated Report on Ocean Remote Sensing for the NOWPAP Region.

This document describes details of WG4 work plan for 2006-2007 based on the approval of CEARAC work plan of 2006-2007 at the 10th IGM of NOWPAP in 2005.

2 Workplan and budget of WG4 and related activities for the 2006-2007 biennium

Taking into the account of the suggestions made in the Integrated Report on Ocean Remote Sensing for the NOWPAP Region, CEARAC decided to carry out some of the proposed activities in the workplan and budget of NOWPAP WG4 for the 2006-2007 biennium. Through approval at the 4th CEARAC FPM, Refinement of NPEC Guideline for Eutrophication Monitoring by Remote Sensing and RS training course on data analysis was approved as main activities for the 2006-2007 biennium. The other proposed activities may be conducted with support of NPEC.

The following tables show workplan and budget of WG4 and related activities for the 2006-2007 biennium (Table 1 and Table 2).

Table 1. Work plan of WG 4 and related activities for the 2006-2007 biennium.

Activities		2006		2007	
		FPM ^{4th}	WG4 ^{3rd}	FPM ^{5th}	
Planning & Coordination of Eutrophication /Oil spill monitoring in the NOWPAP Region	Refinement of NPEC Guideline for Eutrophication Monitoring by Remote Sensing		Review of NPEC Guideline	Publication of NOWPAP Guideline	
	RS Training Course on Data Analysis.		Planning/Coordination	Implementation	
Development of remote sensing information network system	Integration of new function to search related publication				
	Establishment of Digital Library		Design	Establishment	
Joint activities with IOC/WESTPAC ocean color project			Workshop on Ocean RS		
Search of other possible usage of the satellite remote sensing to environmental monitoring in the NOWPAP Region			Feasibility study		

Table 2. Budget of WG 4 and related activities for the 2006-2007 biennium.

Activity	Budget funds	Budget US\$
Refinement of NPEC Guideline for Eutrophication Monitoring by Remote Sensing	CEARAC	15,000
RS training course on data analysis	CEARAC	15,000
Further development of portal site, web site on oil spill monitoring by remote sensing and Marine Environment Watch Project including reference database and digital library	CEARAC	3,000
	NPEC	In kind
Joint activities with IOC/WESTPAC ocean color project	NPEC	In kind
Search of other possible usage of the satellite remote sensing to marine environmental monitoring in the NOWPAP region	NPEC	In kind
TOTAL		33,000+ In kind