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Programme

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**Northwest Pacific Action Plan
Special Monitoring and Coastal Environmental Assessment
Regional Activity Centre**

**The Fourth NOWPAP Working Group 3 and 4 Joint Meeting
Toyama, Japan, 10-12 September 2008**

**Report of NOWPAP Working Group 3 (Harmful Algal Blooms)
for the 2006-2007 biennium**

1. Overview of Working Group 3 (WG3) activities

In accordance to the approved work plan by the 4th CEARAC FPM, NOWPAP WG3 conducted the following activities for the 2006-2007 biennium.

1.1 Making “Booklet of Countermeasures against Harmful Algal Blooms in the NOWPAP Region”

According to the workplan approved at the 4th CEARAC FPM and the discussion at the 3rd NOWPAP Working Group3 Meeting, CEARAC took several steps. At first, CEARAC contracted with experts of the member states to collect and compile information on countermeasures against HABs respectively. The experts who collected countermeasures information in each member state are Dr. Rencheng YU (China), Japanese Consultant (Japan), Dr. Hak-Gyoon KIM (Korea) and Dr. Tatiana ORLOVA (Russia), respectively. The Japanese Consultant harmonized the information in the submitted reports and made a draft booklet. Then, the draft was refined based on review and comments from WG3 experts.

The booklet was published in print after approval by CEARAC FPs and WG3 experts and circulated to WG3 experts and HAB related agencies in December 2007. In addition to that, CEARAC made a CD version of the booklet with financial support from NOWPAP RCU for wider dissemination.



Figure 1. Cover of the Booklet of Countermeasures against HABs in the NOWPAP Region

1.2 Making *Cochlodinium* pamphlets in each language of NOWPAP member states

In the Third Meeting of NOWPAP Working Group 3 (HAB), the Secretariat proposed to make the *Cochlodinium* pamphlets in each language of the NOWPAP member states, targeting general public including fishermen and students as their users. This proposal was approved and translation of the pamphlet from English to each language was done by WG3 experts voluntarily.

These pamphlets were published and circulated through WG3 experts to related persons and agencies in March 2007.

2. Related activities

2.1. First Coastal Environmental Assessment Workshop

The First Coastal Environmental Assessment Workshop was held on 7 March, 2008 in Toyama, Japan. Some WG3 experts made a presentation on coastal environmental assessment in each member state. There were discussions on development of procedures for assessment of eutrophication status including evaluation of land based sources of nutrients in the NOWPAP region.

