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**Northwest Pacific Action Plan  
Pollution Monitoring  
Regional Activity Center (POMRAC)**

The Sixth NOWPAP POMRAC Focal Points Meeting  
with back-to-back  
Working Group (WG1, WG2, ICARM WG) Meetings

Yantai, People's Republic of China  
17-19 June 2008

**Report of the 6<sup>th</sup> NOWPAP POMRAC Focal Points  
Meeting with back-to-back Working Group (WG1,  
WG2, ICARM WG) Meetings**

# **Report of the 6<sup>th</sup> NOWPAP POMRAC Focal Points Meeting with back-to-back Working Group (WG1, WG2, ICARM WG) Meetings**

**Yantai, People's Republic of China  
17-19 June 2008**

## **Background leading to these meetings**

1. The Action Plan for the Protection, Management and Development of the Marine and Coastal Environment of the Northwest Pacific Region (NOWPAP) and three Resolutions were adopted at the First Intergovernmental Meeting (Seoul, Republic of Korea, 14 September 1994: UNEP(OCA)/NOWPAP/IG.1/5). Resolution 1 identified five areas of priority for implementation of the Action Plan, one of which was NOWPAP/3: Establishment of a collaborative, regional monitoring programme.
2. Following the decision of the 3<sup>rd</sup> NOWPAP Intergovernmental Meeting, the responsibility for NOWPAP/3 (Regional Monitoring Programme) was jointly shared by the Special Monitoring and Coastal Environmental Assessment Regional Activity Center (CEARAC) and the Pollution Monitoring Regional Activity Center (POMRAC) to carry out regional activities.
3. The Tenth Intergovernmental Meeting of the Northwest Pacific Action Plan in Toyama, Japan, 24-26 November 2005 has approved plan of future actions as NOWPAP EVOLUTION: New Directions for the NOWPAP RACs and RCU.
4. Regarding POMRAC, that the 10<sup>th</sup> IGM confirmed the following direction for 2006 and next years: «The Pollution Monitoring Regional Activity Center (POMRAC) in Vladivostok, Russia, currently has two Working Groups (WG1 on Atmospheric Input of Contaminants and WG2 on River and Direct Inputs of Contaminants). In 2005-2006, the experts of these working groups will prepare National Reports and then the Regional Overviews on these two issues. These documents might contribute to the State of Marine Environment Report in the NOWPAP Region which would be prepared in 2006-2007. Then, POMRAC might consider focusing on activities related to Integrated Coastal and River Basin Management which includes land-based sources of pollution. All activities related to land-based sources of pollution will be implemented in close collaboration with all NOWPAP RACs and with the UNEP/GPA».
5. The 4<sup>th</sup> NOWPAP POMRAC Focal Points Meeting (Qingdao, China, 25-26 April 2006) determined the activities for implementation related to Integrated Coastal and River Basin Management in NOWPAP Region in 2006/7 (UNEP/NOWPAP/POMRAC/FPM 4/12 Annex 10). During January-June 2007 the NOWPAP POMRAC Working Group for Integrated Coastal and River Basin Management (ICARM WG) was created.
6. The 1<sup>st</sup> Meeting of NOWPAP POMRAC Working Group on Integrated Coastal and River Basin Management (Toyama, Japan, 10-11 July 2007) discussed Terms of References for NOWPAP ICARM Working Group, discussed and approved the structure

and content of National Reports for NOWPAP ICARM Working Group as well as the structure and content of reference database for the WG, and discussed Workplan and Budget for Integrated Coastal and River Basin Management Activities of POMRAC in 2007/8.

7. The Fifth NOWPAP POMRAC Focal Points Meeting (8-9 October 2007, Vladivostok, Russia) discussed Workplan and Budget of POMRAC for 2008/2009 and several activities of WG1, WG2 and WG ICARM for 2008/2009 suggesting that the Budget of POMRAC in this biennium will make US\$ 150,000. The 12<sup>th</sup> Intergovernmental Meeting (23-25 October 2007, Xiamen, China) approved the budget of \$148,000 for 2008/2009 for POMRAC activities (including \$8,000 for RAP MALI activity). Considering the approved budget it is necessary to clarify POMRAC activities in 2008/2009.

8. The 5<sup>th</sup> NOWPAP POMRAC FPM decided that 'Back to Back' Meetings of WG 1, WG 2 and ICARM WG should be organized in 2008. Taking into consideration that POMRAC budget reduces POMRAC Secretariat, after agreement with NOWPAP RCU, proposed to combine holding of Meetings of WG 1, WG 2 and ICARM WG and the 6<sup>th</sup> NOWPAP POMRAC Focal Points Meeting.

9. Focal Points and experts of the NOWPAP Members, namely, China, Japan, Republic of Korea and Russia participated in the 6<sup>th</sup> NOWPAP POMRAC Focal Points Meeting with back-to-back Working Group (WG1, WG2, ICARM WG) Meetings. Representative of NOWPAP RCU as well as representatives of DINRAC, CEARAC, MERRAC, and observers from PEMSEA, Yantai Oil Spill Response Technical Centre of China Maritime Safety Administration and Kanazawa University also participated in the meetings. The full list of participants is attached to the present Report as Annex 1.

### **Agenda Item 1. Opening of the Meeting**

10. The 6<sup>th</sup> NOWPAP POMRAC Focal Points Meeting has been opened at 9:00 am at the Conference Room in the Yantai Finance and Accounting Training Center, Yantai, China, 17 June 2008 by the Director of POMRAC, Dr. Anatoly KACHUR.

11. Mr. Norio BABA , NOWPAP RCU Administrative Officer expressed his welcoming remarks. He also mentioned that the 12<sup>th</sup> IGM in Xiamen approved in principle the POMRAC workplan 2008/9. He stressed that it is important for POMRAC to find capacity to work and to cooperate with the Member-States and otherRACs for implementation of the planned activities under decreased budget for all RACs in the biennium 2008/9.

### **Agenda Item 2. Organization of the Meeting**

12. According to the agreed procedure of electing officers on a rotational basis, the meeting unanimously elected Mr. Akio TAKEMOTO, Japan as the Chairperson, and Mr. Ruibin WANG, China as the Rapporteur for the 6<sup>th</sup> NOWPAP POMRAC Focal Points Meeting, respectively.

### **Agenda Item 3. Adoption of the Agenda**

13. Dr. Anatoly KACHUR, Director of POMRAC briefly introduced to the meeting participants the List of Participants (Annex 1), the Provisional Agenda for the Meeting. During discussion, the participants offered to combine meetings of Working Group 1 and Working Group 2 partly because both groups should be harmonized with each other. The Meeting agreed to the suggestion and adopted the agenda with minor changes (Annex 2).

**Agenda Item 4. Overview of the progress made in the intersessional period after the Fifth NOWPAP POMRAC Focal Points Meeting**

14. Mr. BABA, NOWPAP RCU reported to the meeting the progress of the entire NOWPAP activities during the intersessional period since the Fifth NOWPAP POMRAC FPM including the 12<sup>th</sup> NOWPAP Intergovernmental Meeting. In his presentation, contacts with other programs and projects, new activities of NOWPAP, and decreasing budget for all RACs according to the decision of the 12<sup>th</sup> IGM and other related issues were also mentioned.

15. Dr. KACHUR, Director of POMRAC, has reported the implementation of POMRAC activities in 2007 - May 2008. He also reported the expenditure of POMRAC budget for the 2006/2007 biennium. The meeting held a general discussion after the presentation and adopted the report.

16. Ms. Tong AN, Representative of DINRAC, has reported on establishment of ICARM Reference Database as result of coordination between POMRAC and DINRAC. The meeting held a general discussion after the presentation. Mr. TAKEMOTO indicated that the Japanese FP would make more efforts to complete the Japanese records for ICARM database soon.

**Agenda Item 5. Review and discussion of the major POMRAC activities in 2008-2009 in accordance with decisions of the 11<sup>th</sup> IGM and 12<sup>th</sup> IGM**

17. Director of POMRAC has presented proposals for POMRAC activity in 2008/9. He pointed out that the budget of POMRAC activities adopted by the 5<sup>th</sup> FPM had been revised after the decision of the 12<sup>th</sup> IGM, and some additional funds has been allocated for RAP MALI activities. He mentioned also that under approval of NOWPAP RCU one of the new activities of ICARM could be an organization of workshop devoted to ICARM in East Asia seas during the East Asia Seas Congress in 2009 as it was proposed by the Congress Organizing Committee. The meeting discussed the proposals and decided the activities to implement by POMRAC during 2008/9 biennium should be determined in detail on working groups meetings. Regarding new activities of POMRAC Mr. Baba explained that RAP MALI is succeeding MALITA it is implemented with all RACs under the coordination of RCUPOMRAC has a role in assisting of implementation of RAP MALI activity in Russian Federation.

**Agenda Item 6. Presentation of PEMSEA representative concerning the working expertise of PEMSEA in the field of ICAM**

18. Dr. Huming YU, Representative of PEMSEA has presented a report concerning the working expertise of PEMSEA in the field of ICM. The meeting highly appraised his presentation and discussed the possibilities of applying PEMSEA expertise in NOWPAP

region and possible cooperation of NOWPAP POMRAC and PEMSEA in the field of ICARM.

### **Agenda Item 7. Overview of National Reports on Integrated Coastal and River Basin Management in the NOWPAP Region, prepared by National Experts**

19. Experts of each Member State (Dr. Shogo MURAKAMI, Japan, Mr. Zhiguo WANG, China, Dr. Hyun-Taik OH, Republic of Korea, and Dr. Ivan S. Arzamastsev, Russia) have presented the National Reports on Integrated Coastal and River Basin Management. The Meeting held a general discussion after presentations including definition and scope of ICARM and took note of the reports. The POMRAC Secretariat asked the Japanese National Report should be submitted as soon as possible.

### **Agenda Item 8. Discussion on harmonization and publishing of ICARM National Reports**

20. The Meeting held a general discussion on completeness of the presented National Reports and their correspondence to the Structure of National Reports approved at the 1<sup>st</sup> Meeting of NOWPAP POMRAC Working Group for Integrated Coastal and River Basin Management (10-11 July, 2007, Toyama, Japan). Dr. KACHUR emphasized the necessity of amending the presented National Reports according to the approved structure in subsequent harmonization. The Secretariat suggested harmonization procedure that was decided to discuss at ICARM WG meeting.

### **Agenda Item 9. NOWPAP POMRAC Working Group meetings**

21. According to the agreement of the participants of the 6<sup>th</sup> FPM, the 3<sup>rd</sup> meetings of NOWPAP Working Group 1 – Atmospheric Deposition of Contaminants into the Marine and Coastal Environment, and Working Group 2 – River and Direct Inputs of Contaminants into the Marine and Coastal Environment were held jointly.

#### **Agenda Item 9.1.1. Organization of the WG1 and WG2 meetings**

22. The Third Joint Meeting of NOWPAP WG1 and WG2 was opened at 9:00 am at the Conference Room in the Yantai Finance and Accounting Training Center, Yantai, China, 18 June 2008 by Focal Point of Russia as a country which hosted the 2<sup>nd</sup> meetings of NOWPAP WG1 and WG2 (10-11 October 2005, Vladivostok, Russia).

23. According to the agreed procedure of electing officers on a rotational basis, the meeting unanimously elected Dr. Hyo-Bang MOON – WG1, Republic of Korea and Dr. Akira HARASHIMA - WG2, Japan as the Co-Chairpersons of the joint meeting, and Dr. Vladimir SHULKIN – WG1, Russia and Ms. Mingcui WANG – WG2, People's Republic of China as the Co-Rapporteurs of the joint meeting.

#### **Agenda Item 9.1.2. Adoption of the Agenda**

24. According to the decision of the 6<sup>th</sup> FPM to combine the meetings of WG1 and WG2, the meeting considered and adopted the revised agenda for joint meeting of WG1 and WG2.

**Agenda Item 9.1.3. Joint discussion of the workplan for 2008/2009 and future activities of the WG1 and WG2**

25. The meeting jointly discussed and adopted the workplan for WG1 and WG2 in the 2008/2009 biennium, taking into consideration Suggested Responsibilities and Activities of the NOWPAP RACs for 2008-2011.

**Agenda Item 9.1.4. Review of structure and content of Regional Overview on Atmospheric Deposition Models in NOWPAP Region for WG1 (separately in one room)**

26. The WG1 discussed the structure and content of Regional Overview on Atmospheric Deposition Models in NOWPAP Region and the procedure for its preparation. After fruitful discussion and the editorial revision of the Structure suggested by POMRAC Secretariat, the revised structure and procedure of the implementation of this activity has been adopted by the experts of WG1.

27. The WG2 discussed the structure and content of Regional Overview on Land-Based Sources of Pollution in NOWPAP Region (UNEP/NOWPAP/POMRAC/FPM 6 - WG1, WG2, ICARM WG/12) and the procedure for its preparation. Participants stressed the necessity to continue the work on the assessment of river and direct inputs in order to follow TOR of WG2. At the same time it is necessary to include new activities. Therefore experts decided to modify the Title on the "Regional Overview of River and Direct Inputs of Pollution in NOWPAP region - with special extension to land based sources". The corresponding changes in the Structure have been done too. The suggested procedure has been adopted also.

**Agenda Item 9.1.5. Joint discussion on the updating of the Reference Database on Atmospheric Deposition of Contaminants into the Marine and Coastal Environment (AD Reference Database) for WG1 and of the Reference Database on River and Direct Inputs of Contaminants into the Marine and Coastal Environment (RDI Reference Database) for WG2**

28. The joint meeting discussed the updating of the Reference Database on Atmospheric Deposition of Contaminants into the Marine and Coastal Environment (AD Reference Database) and of the Reference Database on River and Direct Inputs of Contaminants into the Marine and Coastal Environment (RDI Reference Database). The meeting agreed with the suggestion of Dr. Hyo-Bang MOON to add some new elements to the structure of the reference database. The meeting agreed to continuing update of the reference database.

**Agenda Item 9.1.6. Closure of the 3<sup>rd</sup> Joint Meeting of NOWPAP Working Group 1 and Working Group 2.**

29. The meeting was closed at 12:15 am by the Co-Chairpersons.

**9.2. The Second Meeting of NOWPAP ICARM Working Group – Integrated Coastal and River Basin Management**

**Agenda Item 9.2.1. Organization of the meeting**

30. The Second Meeting of NOWPAP POMRAC ICARM Working Group – Integrated Coastal and River Basin Management (ICARM) was opened at 9:00 am at the Conference Room in the Yantai Finance and Accounting Training Center, Yantai, China, 18 June 2008.

31. According to the agreed procedure of electing officers on a rotational basis, the meeting unanimously elected Mr. Zhiguo WANG, ICARM WG, People's Republic of China as the Chairperson, and Dr. Hyun-Taik OH, ICARM WG, Republic of Korea as the Rapporteur.

**Agenda Item 9.2.2. Adoption of the Agenda**

32. The Provisional Agenda was introduced by the Secretariat with the Annotated Provisional Agenda. The meeting was invited to consider and adopt the agenda. The agenda was adopted unanimously.

**Agenda Item 9.2.3. Discussion of the workplan and budget for 2008/2009 and future activities of the ICARM WG**

33. The meeting was invited to discuss and adopt the workplan for ICARM WG in the 2008/2009 biennium. After discussion, the proposed workplan and budget were agreed to submit it to the 6<sup>th</sup> NOWPAP POMRAC FPM.

**Agenda Item 9.2.4. Discussion of the structure and contents of Regional Overview on Integrated Coastal and River Basin Management in NOWPAP Region**

34. The meeting has discussed the structure and content of Regional Overview on Integrated Coastal and River Basin Management in NOWPAP Region and the procedure for its preparation. The meeting also discussed the scope of ICARM.

35. The meeting has decided:

- To finalize National Reports based on the structure adopted by the 5<sup>th</sup> POMRAC Focal Points Meeting. The information in the National Reports would cover data for 2006.
- To adopt procedure of finalization with inviting International Consultant (preference should be given to a representative of a NOWPAP member country) and National Experts of NOWPAP member countries.
- To prepare Regional Overview based on the structure and procedure adopted by the 5<sup>th</sup> POMRAC FPM and to include definition of ICARM and its geographical scope for NOWPAP region in the introduction for The Structure of Regional Overview on ICARM.
- To update ICARM Reference Database every 4 years.
- To further develop the scope of ICARM.

36. National Experts agreed with the idea of conducting ICARM Workshop at the East Asian Seas Congress in 2009. The Workshop Program will be agreed between RCU,

POMRAC Secretariat and Focal Points. Having considered ICARM activities for 2010/11, National Experts agreed with them but decided to consider these activities in detail at the next POMRAC Focal Points Meeting and ICARM WG Meeting.

37. The meeting agreed that procedure for finalization of National Reports should include the following stages:

1. The Finalization of National Reports on Integrated Coastal and River Basin Management in NOWPAP Region will be compiled on the basis of "Structure and Contents of National Reports on Integrated Coastal and River Basin Management in NOWPAP Region" agreed upon by the 5<sup>th</sup> NOWPAP POMRAC Focal Points Meeting.
2. The finalization of the National Reports on Integrated Coastal and River Basin Management in NOWPAP Region will be prepared with help of consultant from any NOWPAP Member Countries. Financial support for the preparation of the Regional Overview will be provided by POMRAC, according to guidance of POMRAC FPs.
3. After signing MOU between POMRAC Secretariat and consultant and national experts, National Reports on Integrated Coastal and River Basin Management in NOWPAP Region should be finalized during July - August and submitted by consultant to POMRAC Secretariat by e-mail.
4. POMRAC Secretariat will send finalized National Reports on Integrated Coastal and River Basin Management in NOWPAP Region to POMRAC FPs and ICARM WG experts by e-mail. After receiving comments from the experts within 14 days these texts will be amended by the consultant within 14 days.

38. The meeting also agreed that National Report of Japan on Integrated Coastal Area and River Basin Management should be submitted to POMRAC secretariat by the end of August.

#### **Agenda Item 9.2.5. Closure of the 2<sup>nd</sup> Meeting of NOWPAP ICARM Working Group**

39. The meeting was closed at 12:00 am by the Chairperson.

#### **Agenda Item 10. Review and discussion of the decisions of the Meetings of Working Groups**

40. The Chairperson of the 3<sup>rd</sup> Meeting of NOWPAP Working Group 1 has presented the results of work of the Meeting and proposed to approve the modified structure and content of Regional Overview on Atmospheric Deposition Models in NOWPAP Region and procedure for Updating of Reference Database on Atmospheric Deposition of Contaminants into the Marine and Coastal Environment (AD Reference Database). The meeting discussed and adopted the modified documents (Annex 3).

41. The Chairperson of the 3<sup>rd</sup> Meeting of NOWPAP Working Group 2 has presented the results of work of this Meeting and suggested for approval the modified structure and content of Regional Overview of River and Direct Inputs of Pollution in NOWPAP region - With Special Extension to Land Based Sources and procedure for Updating of

Reference Database on River and Direct Inputs of Contaminants into the Marine and Coastal Environment (RDI Reference Database).

The meeting discussed and adopted the modified documents (Annex 4).

42. The Chairperson of the 2<sup>nd</sup> Meeting of NOWPAP ICARM Working Group has presented the results of work of this meeting and proposed to approve the Structure and content of Regional Overview on Integrated Coastal and River Basin Management in NOWPAP Region. The meeting discussed and adopted the documents.

#### **Agenda Item 11. Discussion of intersessional activities of POMRAC**

43. Dr. KACHUR, Director of POMRAC has presented the intersessional activity of POMRAC according to NOWPAP Regional Action Plan on Marine Litter (RAP MALI). The meeting held a general discussion after the presentation. Mr. TAKEMOTO stressed that RAP MALI are cross-cutting activities for every NOWPAP RACs.

44. Prof. Takuya KAWANISHI, Kanazawa University, Japan has made a presentation "Model projects on analyses of PAHs and POPs in the atmosphere and sea/river water in the NOWPAP area". The meeting highly appraised his presentation, discussed the possibilities of POMRAC participation in the work on the mentioned issues. It is noted that further cooperation could be needed with Kanazawa University.

#### **Agenda Item 12. Review of POMRAC workplan and budget for 2008-2009 with consideration of decisions of the 12<sup>th</sup> IGM (October 2007, Xiamen, China)**

45. Dr. KACHUR, Director of POMRAC introduced to the meeting the Workplan and Budget for POMRAC in the 2008/2009 biennium. He stressed some revisions in the budget after the decision of the 12<sup>th</sup> IGM. The meeting held a general discussion and adopted the revised budget (Annex 5).

#### **Agenda Item 13. Arrangement date and venue of the Seventh NOWPAP POMRAC Focal Points Meeting**

- 46. The meeting discussed the holding date of the Seventh NOWPAP POMRAC FPM and main topics to be covered there. The meeting will take place in Vladivostok, Russia or in any other city of NOWPAP region in September or October 2009.

#### **Agenda Item 14. Other matters**

47. Dr. KAWANISHI, Kanazawa University has suggested to host the next 7<sup>th</sup> NOWPAP POMRAC FPM in Kanazawa, Japan.

#### **Agenda Item 15. Adoption of the report of the meeting**

48. The Meeting reviewed and adopted the report of the Meeting prepared by the Rapporteur and the Secretariat.

#### **Agenda Item 16. Closure of the Meeting**

49. The Chairperson declared the Meeting closed at 12:30 on Thursday, 19 June 2008.

## **Annex I**

### **LIST OF PARTICIPANTS**

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**Annex II**  
**AGENDA**

## **Agenda**

### **Day 1 (June 17, 2008)**

1. Opening of the Meeting
2. Organization of the Meeting
  - 2.1. Election of the officers
  - 2.2. Organization of work
3. Adoption of the Agenda
4. Overview of the progress made in the intersessional period after the Fifth NOWPAP POMRAC Focal Points Meeting
  - 4.1. Report of NOWPAP RCU Representative on the implementation of the Northwest Pacific Action Plan since the Fifth NOWPAP POMRAC FPM
  - 4.2. Activities and the budget expenditures of POMRAC made during the intersessional period after the Fifth NOWPAP POMRAC Focal Points Meeting
    - 4.2.1. Report of the Director of POMRAC
    - 4.2.2. Presentation of the progress on establishment of ICARM Reference Database: result of coordination between POMRAC and DINRAC
5. Review and discussion of the major POMRAC activities in 2008-2009 in accordance with decisions of the 11<sup>th</sup> IGM and 12<sup>th</sup> IGM
6. Presentation of PEMSEA representative concerning the working expertise of PEMSEA in the field of ICAM
7. Overview of National Reports on Integrated Coastal and River Basin Management in the NOWPAP Region, prepared by National Experts:
  - 7.1. Report of the National Expert of Japan
  - 7.2. Report of the National Expert of China
  - 7.3. Report of the National Expert of Korea
  - 7.4. Report of the National Expert of Russia
8. Discussion on harmonization and publishing of ICARM National Reports

### **Day 2 (June 18, 2008), morning**

Agenda Item 9. NOWPAP POMRAC Joint Working Groups meetings (held simultaneously in two rooms)

9.1. The Third Joint Meeting of NOWPAP Working Group 1 – Atmospheric Deposition of Contaminants into the Marine and Coastal Environment, and Working Group 2 – River and Direct Inputs of Contaminants into the Marine and Coastal Environment

Agenda Item 9.1.1. Organization of the meeting

9.1.1.1. Election of the officers

9.1.1.2. Organization of work

Agenda Item 9.1.2. Adoption of the Agenda

Agenda Item 9.1.3. Joint discussion of the workplan for 2008/2009 and future activities of the WG1 and WG2

Agenda Item 9.1.4. Joint discussion of the WG1 and WG2 budget for 2008-2009

Agenda Item 9.1.5. Review of structure and content of Regional Overview on Atmospheric Deposition Models in NOWPAP Region for WG1 (separately in one room)

Agenda Item 9.1.6. Review of structure and content on Land-Based Sources of Pollution in NOWPAP Region for WG2 (separately in one room)

Agenda Item 9.1.7. Joint discussion on the updating of the Reference Database on Atmospheric Deposition of Contaminants into the Marine and Coastal Environment (AD Reference Database) for WG1 and of the Reference Database on River and Direct Inputs of Contaminants into the Marine and Coastal Environment (RDI Reference Database) for WG2

Agenda Item 9.1.8. Closure of the 3<sup>rd</sup> Joint Meeting of NOWPAP Working Group 1 and Working Group 2.

## 9.2. The Second Meeting of NOWPAP ICARM Working Group – Integrated Coastal and River Basin Management

Agenda Item 9.2.1. Organization of the meeting  
9.2.1.1. Election of the officers

9.2.1.2. Organization of work  
Agenda Item 9.2.2. Adoption of the Agenda

Agenda Item 9.2.3. Discussion of the workplan for 2008/2009 and future activities of the ICARM WG

Agenda Item 9.2.4. Discussion of the structure and contents of Regional Overview on Integrated Coastal and River Basin Management in NOWPAP Region

Agenda Item 9.2.5. Discussion of the ICARM WG budget for 2008-2009

Agenda Item 9.2.6. Closure of the 2<sup>nd</sup> Meeting of NOWPAP ICARM Working Group

## **Day 2 (June 18, 2008), afternoon**

(Continuation of the 6<sup>th</sup> NOWPAP POMRAC Focal Points Meeting)

Agenda Item 10. Review and discussion of the decisions of the Meetings of Working Groups

10.1. Joint presentation of the Chairpersons of the 3<sup>rd</sup> Meetings of NOWPAP Working Group 1 - Atmospheric Deposition of Contaminants into the Marine and Coastal Environment, and Working Group 2 - River and Direct Inputs of Contaminants into the Marine and Coastal Environment - on the result of work of WG1 and WG2 experts

10.2. Presentation of the Chairperson of the 2<sup>nd</sup> Meeting of NOWPAP ICARM Working Group - Integrated Coastal and River Basin Management - on the result of work of ICARM WG experts

Agenda Item 11. Discussion of intersessional activities of POMRAC

11.1. NOWPAP Regional Action Plan on Marine Litter (RAP MALI)

11.2. "Model projects on analyses of PAHs and POPs in the atmosphere and sea/river water in the NOWPAP area", by Kazuichi Hayakawa and Takuya Kawanishi, Kanazawa University

Agenda Item 12. Review of POMRAC workplan and budget for 2008-2009 with consideration of decisions of the 12<sup>th</sup> IGM (October 2007, Xiamen, China)

Agenda Item 13. Arrangement date and venue of the Seventh NOWPAP POMRAC Focal Points Meeting

Agenda Item 14. Other matters

### **Day 3 (June 19, 2008)**

9. Adoption of the report of the meeting

10. Closure of the 6<sup>th</sup> NOWPAP POMRAC FPM

## **Annex III**

### **Structure of the Regional Overview on Atmospheric Deposition Models in NOWPAP Region**

## **Structure of the Regional Overview on Atmospheric Deposition models in NOWPAP Region**

- 1. Executive Summary**
- 2. Introduction**
  - Goals and objectives of this report
  - General background information on NOWPAP (set the report in the context of NOWPAP, short history, decisions)
  - General information/introduction on the atmospheric deposition (AD) concern Regional Overview AD (what is problems, why it is important to determine the AD for NOWPAP Region and availability of AD Models in this case etc.)
  - 
  - Geographical scope (geographical coverage of the report, characteristics of the country and it's environment related to the issue, e.g. major rivers, coasts, mountains, cities, climatic systems, physical geography etc.)
  - Institutional arrangements for developing these reports (who prepared this report)
- 3. Social, economic and ecological situation** (short overview of relevant social and economic aspects related to atmospheric deposition, e.g. population, distribution of communities in the Region (mainly coastal or inland communities), main income, anthropogenic activities which cause atmospheric deposition, transport, energy, industry and other sources of impact.
- 4. Present situation of air pollution and atmospheric deposition of contaminants (PM, Sox, NOx etc.) in the NOWPAP Region based on the latest available monitoring data and existing trends.**
- 5. Review of Existing Models of Regional, National and Local Scales of Atmospheric Transport and Deposition of Contaminants in NOWPAP Region.** Description of models, advantages and limitations of used models, model performance and comparison of the results with monitoring data and other models.
- 6. Conclusions**
- 7. References** (related publications, websites and other information sources)

### **Procedure for the compilation and preparation of the Regional Overview on Atmospheric Deposition models in NOWPAP Region**

The procedure may include the following stages:

1. The Regional Overview will be compiled on the basis of "Structure of Regional Overview" agreed upon by the 6<sup>th</sup> NOWPAP POMRAC Focal Points Meeting. Different sources may be used for compilation of the Overview.
2. The Regional Overview will be prepared by the regional consultant and experts from the each NOWPAP Member Countries. Financial support for the preparation of the Regional Overview will be provided by POMRAC, according to guidance of POMRAC FPs.
3. Draft Regional Overview will be submitted to POMRAC Secretariat by the consultant by the July 2009. POMRAC Secretariat will submit Draft Overview to the WG 1 ICARM and POMRAC Focal Points of each countries by e-mail. After receiving comments from WG 1 and POMRAC FPs of each country (within 30 days), the overview will be amended by the consultant and submitted to the next POMRAC FPM for review and adoption.
4. The next POMRAC FPM will discuss and agree whether the Overview is completed. When finalized, the Overview will be printed as a POMRAC technical report.

## **Annex IV**

### **Structure of the Regional Overview On River and Direct Inputs of Contaminants into the Marine and Coastal Environment in NOWPAP Region - With Special Extension to the Land Based Sources of Pollution**

## **Structure of the Regional Overview of river and direct inputs of pollution in NOWPAP region - with special extension to land based sources**

### **1. Executive Summary**

- a. **Institutional arrangement for developing this report (who prepared this report)**

### **2. Introduction**

- a. Goals and objectives of this report
- b. General background information on NOWPAP (set the report in the context of NOWPAP, short history, decisions)
- c. Geographical scope of relevant region of NOWPAP area (geographical coverage of the report, major rivers, coasts, mountains, cities, climatic systems, physical geography etc.)
- d. General information/introduction on the river and direct inputs on base of Regional Overview RDI and Regional ICARM Overview (what is problems, why is it important to determine the sources of pollution in NOWPAP Region)

- 3. Present social and economic situation** (including the review for the last 5 years; Short overview of relevant social and economic aspects related to river and direct inputs of contaminants. e.g. population, distribution of communities, anthropogenic activities which cause river and direct inputs of contaminants,)

### **4. Monitoring and assessment activities in NOWPAP member countries**

- 4.1 Overview of national and international policies and laws
- 4.2 National and international monitoring programs
- 4.3 Methodologies and procedures
  - 4.3.1 Brief characteristic of national monitoring networks of surface water quality
  - 4.3.2. Methodological features of sample preservation and analysis
  - 4.3.3. QA/QC procedures
- 4.4 Research Activities (national and international)
- 4.5 Training Activities

### **5. Present situation**

- 5.1 Chemical composition of river run-off
- 5.2 Temporal trend in river water quality
- 5.3 Pollution loads through River
- 5.4 Direct inputs of contaminants

- 6. The contribution of different Land Based Sources** (ex., transport, energy, industry, agriculture and etc., Hot spots) to the inputs of pollutants (ex., Sox, NOX, PM) to coastal zones (based on 2006 data) and trends for last 10 years, if available.

### **7. Conclusion**

**8. Data availability (publications, Websites and other information sources)**

Note: The format of Tables and Figures will be provided by POMRAC Secretariat by the October 2008

**Procedure for the compilation and preparation of the Regional Overview of river and direct inputs of pollution in NOWPAP region -with special extension to land based sources**

The procedure may include the following stages:

5. The Overview will be compiled on the basis of "Structure of Overview" agreed upon by the 6<sup>th</sup> NOWPAP POMRAC Focal Points Meeting. Different sources, and first of all NOWPAP RACs publications, may be used for compilation of the Overview.
6. The Regional Overview will be prepared by the regional consultant and experts from the each NOWPAP Member Countries. Financial support for the preparation of the Regional Overview will be provided by POMRAC, according to guidance of POMRAC FPs.
7. Draft Overview will be submitted to POMRAC Secretariat by the consultant by the July 2009. POMRAC Secretariat will submit Draft Overview to the WG2 experts and POMRAC Focal Points of each countries by e-mail. After receiving comments from WG2 and POMRAC FPs of each country (within 30 days), the overview will be amended by the consultant and submitted to the next POMRAC FPM for review and adoption.
8. The next POMRAC FPM will discuss and agree whether the Overview is completed. When finalized, the Overview will be printed as a POMRAC technical report.

## **Annex V**

### **Workplan and Budget for POMRAC in 2008/2009**

**Workplan and Budget for POMRAC in 2008/2009**

<b>Activity</b>	<b>Actions and planned date</b>	<b>Responsibility</b>	<b>Remarks</b>	<b>Budget US\$</b>
The Sixth NOWPAP POMRAC Focal Points Meeting back-to-back Working Group (WG1, WG2, ICARM WG) Meetings	June 2008	POMRAC with assistance of NOWPAP RCU, UNEP	Yantai, People's Republic of China	37,000
Harmonization of ICARM National Reports	June - August 2008	POMRAC international consultant through national experts from NOWPAP Member States	\$ 1,000 for each national expert \$ 2,000 for International consultant	6,000
Development of Regional Overview on ICARM	2008	POMRAC through an international consultant	\$5,000 for consultant	5,000
Follow-up activities for WG1 and WG2: Regional Overview on atmospheric deposition models and	2008 – 2009	POMRAC	through national experts (\$3,000 for each expert from NOWPAP Countries) and regional consultant (\$ 4,000)	16,000
Regional Overview of River and Direct Input of Contaminants into the Marine and Coastal Environment in NOWPAP Region with special extension on land-based sources			through national experts (\$3,000 for each expert from NOWPAP Countries) and regional consultant (\$ 4,000)	16,000

Activities related to ICARM in accordance with TOR for ICARM WG (Workshop at the 2009 East Asian Seas Congress)	Throughout 2009	POMRAC with assistance of NOWPAP RCU, RACs, UNEP, IOC UNESCO		16,000
Printing of POMRAC technical reports	2008-2009	POMRAC		6,000
POMRAC activities related to RAP MALI	Throughout 2008/2009	POMRAC with assistance of NOWPAP RCU, RACs, UNEP,	through national experts	8,000
7th FPM	September-October 2009	POMRAC with assistance of NOWPAP RCU, UNEP	POMRAC, Vladivostok, Russia or other City in NOWPAP Region	24,000
Development of reference database for ICARM WG (with assistance of DINRAC)	2008	POMRAC through national experts from NOWPAP Member States	500 US\$ for each consultant from NOWPAP member countries (4 consultants)	2,000
Update of reference databases for WG1 and WG2 (with assistance of DINRAC)	Throughout 2008-2009	POMRAC through national experts from NOWPAP Member States	250 US\$ for each consultant from NOWPAP member countries (8 consultants)	2,000
Website	Throughout 2008-2009	POMRAC		1,000
Cooperation, coordination of POMRAC activities and communication maintenance	Throughout 2008-2009	POMRAC in cooperation with RCU, UNEP, RACs, UNESCO/IOC and relevant regional organizations		9,000
<b>Total</b>				<b>148,000</b>