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Report of the 2nd NOWPAP POMRAC Focal Points Meeting

POMRAC, Vladivostok, Russian Federation

26-27 May 2004

REPORT OF THE 2nd NOWPAP POMRAC FOCAL POINTS MEETING (Vladivostok, Russian Federation, 26-27 May 2004)

Background Leading to This Meeting

1. The First Intergovernmental Meeting of NOWPAP (Seoul, 14 September 1994) adopted the Action Plan for the Protection, Management and Development of the Marine and Coastal Environment of the Northwest Pacific Region, and three Resolutions. 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. In the beginning, the responsibility of NOWPAP/3 had been shared by the Special Monitoring and Coastal Environmental Assessment Regional Activity Center (CEARAC, Toyama, Japan) and the Pollution Monitoring Regional Activity Center (POMRAC, Vladivostok, Russia). The two RACs were supposed to share the responsibility for the implementation of a regional monitoring programme.
3. Following the outcomes of the First NOWPAP/3 Coordinating Committee Meeting (Beijing, 21-22 May 2001), the 7th Intergovernmental Meeting (Vladivostok, 20-22 March 2002) decided on the demarcation of the responsibilities and activities between CEARAC and POMRAC, as presented by the secretariat in document UNEP/NOWPAP IG.7/8. According to this decision, POMRAC would be responsible for two working groups: WG 1 - Atmospheric Deposition of Contaminants into the Marine and Coastal Environment; and WG 2 – River and Direct Inputs of Contaminants into the Marine and Coastal Environment.
4. The United Nations Environment Programme (UNEP), Regional Seas Programme has been supporting NOWPAP and POMRAC activities and provided inputs for the POMRAC Focal Points Meetings.
5. The 7th Intergovernmental Meeting approved the budget of \$125,000 for the 2002/2003 biennium for POMRAC activities and the 8th NOWPAP IGM approved a budget of \$150,000 for POMRAC for the 2004/5 biennium.
6. The First NOWPAP POMRAC Focal Points Meeting was organized by POMRAC on 9-11 April 2003 in Vladivostok, the Russian Federation. The First FPM approved its own Terms of Reference (which were later adopted by the 8th IGM of NOWPAP) and provided guidance for the work of the WG1 (Atmospheric Deposition) and WG2 (River and Direct Inputs) to be established, and recommended the budget and workplan of POMRAC for 2004/5.
7. In accordance with the entirety of NOWPAP workplan, approved by the Resolution 1 of the 8th NOWPAP Intergovernmental Meeting (5-7 November 2003, Sanya, China), POMRAC, with the assistance of UNEP, organized the 2nd NOWPAP POMRAC Focal Points Meeting, 26-27 May 2004, in Vladivostok, the Russian Federation.
8. The 1st Focal Points Meeting of POMRAC decided that the two POMRAC Working Groups should be established and meet during 2004. Upon the request of POMRAC and UNEP secretariat, the NOWPAP Focal Points together with the POMRAC Focal Points in Four NOWPAP Members: People's Republic of China, Japan, Republic of Korea and Russian Federation (hereinafter referred to as China, Japan, Korea, Russia, respectively) nominated national experts and scientists from the relevant fields to represent their countries in the First Joint Meeting of NOWPAP POMRAC Working Groups.

9. The 1st Focal Points Meeting of POMRAC also decided that the main objectives of WG 1 and WG 2 (respectively) would be:

- (a) Exchange information to ensure practical implementation of activities related to the monitoring of atmospheric deposition / river and direct inputs in the NOWPAP region.
- (b) Promote, coordinate and harmonize regional cooperation in the NOWPAP region related to the monitoring of atmospheric deposition / river and direct inputs into the coastal and marine environment.

10. The First Joint Meeting of NOWPAP POMRAC Working Groups: WG1 (Atmospheric Deposition) and WG2 (Direct River Inputs), took place 'back to back' (24-25 May 2004) with the 2nd NOWPAP POMRAC FPM (26-27 May 2004). The joint meeting of the two Working Groups developed and agreed on the respective Terms of Reference for the two WGs and also agreed on the content and structure of the National Reports on Atmospheric Deposition and River and Direct Inputs, that will be compiled during 2004/5 biennium. The results of the work of the First Joint WGs Meeting were reported to the 2nd NOWPAP POMRAC FPM Meeting.

11. Focal Points and experts of the NOWPAP Members, namely, China, Japan, Korea and Russia participated in the 2nd NOWPAP POMRAC Focal Points Meeting. Representatives of the United Nations Environment Programme (UNEP), Far Eastern Branch of the Russian Academy of Science; Directors and representatives of DINRAC, CEARAC and MERRAC also participated in the meeting. The full list of participants is attached to the present report as **Annex 1**. POMRAC and UNEP acted as a secretariat for the meeting.

Agenda Item 1. Opening of the Meeting

12. Dr. Anatoly Kachur, Director of NOWPAP Pollution Monitoring Regional Activity Centre opened the 2nd NOWPAP POMRAC Focal Points Meeting at 10:30 at the Conference Room of Hyundai Hotel, Vladivostok, Russian Federation, on the 26th of May 2004. In his statement, he welcomed the FPM participants to Vladivostok.

13. Dr. Elik Adler, Regional Seas Programme Coordinator, UNEP, welcomed the meeting on behalf of the Executive Director of the UNEP and expressed his thanks to the host country, Russian Federation. He explained that taking into account the fact that the First Joint Meetings of the two Working Groups of POMRAC had finished their work the previous day, and that most of the participants to the FPM also participated in WGs meeting, some of the discussions and procedures that would be held during the FPM would be shortened, for the sake of efficiency.

14. Academician Peter Baklanov, Director of the Pacific Geographical Institute FEB RAS, on behalf of the Presidium of the Far Eastern Branch of Russian Academy of Sciences made a welcoming statement, in which he noted that it was an honour and a pleasure for him to extend a sincere welcome to all the participants. He wished success to all participants in their common goal, protection and improvement of the marine and coastal environment in the region.

Agenda Item 2. Organization of the Meeting

15. The meeting unanimously elected Mr. Ruibin Wang, the Focal Point of China, as its Chairperson, and Mr. Osamu MIZUNO - the Focal Point of Japan, as the Rapporteur.

16. The meeting was conducted in English.

Agenda Item 3. Adoption of the Agenda

17. The List of Documents (**Annex 2**), the Provisional Agenda (**Annex 3**), and the Timetable (**Annex 4**) were introduced by Chairperson.
18. The Meeting adopted the agenda and the timetable.

Agenda Item 4. Report of the Progress Made in POMRAC during the Intersessional Period (short version)

19. Following the presentation of the Director of POMRAC on the activities and financial expenditures of POMRAC during 2002/3 biennium, several representatives requested to have additional information and clarifications on the status of expenditures of the RAC and on the financial report presented by Dr. Kachur.
20. The representative of UNEP explained that the financial reports issued by UNON (United Nations Office in Nairobi; UNEP's administration office) are not always easily understood and do not always correspond in structure and content to the tables of 'Workplan and Budget' developed by POMRAC or other NOWPAP RACs. He clarified several issues related to the financial reports that were raised during the discussion.
21. Following a lengthy discussion, the meeting decided to request the Director of the RAC to provide in the future clear financial reports which will reflect the implementation of the POMRAC workplan and the related expenditures made by the RAC.
22. The meeting approved in principle the activities and financial report of the Director of POMRAC for 2002/3 biennium, subject to receiving, by the POMRAC Focal Points, within 60 days a clear and detailed financial report on the implemented versus the planned activities and expenditures for the 2002/3 biennium.

Agenda Item 5. Overview of the Progress Made in NOWPAP Countries during the Intersessional Period (short version)

23. Each NOWPAP Member presented a short version of the individual national reports on Atmospheric Deposition and River and Direct Inputs. The detailed versions, including Power Point Presentations, were presented during the respective Working Groups meetings.
- Mr. Ruibin Wang, the Focal Point of China; Mr. Osamu Mizuno, the Focal Point of Japan; Dr. Hak Gyoon Kim, the Focal Point of Korea and Dr. Alexander Tkalin, the Focal Point of Russia presented the progress of work in their respective countries.
 - Copies of the above mentioned presentations are attached to this report in a CD.

Agenda Item 6. Review and Adoption of the Terms of Reference for the POMRAC Working Groups: WG 1 – Atmospheric Deposition and WG 2 - River and Direct Inputs

24. The draft Terms of Reference (ToR) for the two POMRAC Working Groups: WG 1 – Atmospheric Deposition and WG 2 - River and Direct Inputs (documents UNEP/NOWPAP/POMRAC/FPM 2/2 and UNEP/NOWPAP/POMRAC/FPM 2/3) were discussed and agreed upon by the First Joint Meeting of the two respective WGs (Vladivostok, 24-25 May 2004). The chairperson, Mr. Ruibin Wang, presented to the meeting the draft ToR for the two respective WGs.

25. The meeting decided to re-visit the issue of the procedure which needs to be followed by POMRAC and the POMRAC Focal Points in order to compile and prepare the National Reports and consequently, the Regional Overview and Assessment. The meeting also noted that the final product of the process would be a 'Regional Report on the State of the Marine and Coastal Environment in the NOWPAP Region', and decided that the procedure should aim at this final objective.

26. After a lengthy discussion the meeting decided that the procedure for the compilation and the preparation of the National Reports and consequently the regional overview/assessment would be as follows:

1. The National Reports will be compiled and written based on the 'Structure and Contents of National Reports' agreed upon by the 2nd NOWPAP POMRAC Focal Points Meeting.
2. The National Reports will be prepared by either the POMRAC Focal Points assisted by National Experts, or directly by National Experts hired by POMRAC. Financial support for the preparation of the National Reports will be provided by POMRAC, according to guidance of POMRAC FPs.
3. The draft National Reports will be submitted to POMRAC secretariat by POMRAC Focal Points (after review and approval of the work of the National Experts) no later than the 1st of February 2005. WGs members from each country may be involved in the preparation of the draft National Reports.
4. An experienced consultant from the region, hired by POMRAC, will conduct a preliminary compilation and harmonization of the four National Reports and will also provide a short introduction and summary.
5. Draft National Reports (including the short introduction and summary) will be submitted to the WGs and POMRAC Focal Points by e-mail, no later than 1st March 2005. After receiving comments from WGs and POMRAC FPs (within 30 days), the reports will be amended by the consultant and submitted to the 3rd POMRAC FPs Meeting, planned for May 2005, for review and adoption.
6. The next POMRAC FPM (May 2005) will discuss and agree whether the National Reports are completed. When finalized, the National Reports will be printed as a POMRAC technical report.
7. The FPM will also discuss and agree on the structure, content, scope and sources of information of the regional assessment and overview. The draft may be provided by the consultant.
8. An experienced consultant from the region (possibly, but not necessarily the same one mentioned in point 4 above) will be hired by POMRAC to compile a regional assessment and overview, using, among others, the National Reports.

27. The meeting discussed in length the issue of the target dates for each activity. The meeting considered the difficulties in reaching the above mentioned target dates, but nevertheless decided to try and achieve the set targets, taking into account the important role of the National Reports. The representative of UNEP noted that the target dates were not realistic.

28. The meeting took note and adopted the definition of the term "River and Direct Inputs" as previously decided by the First Joint Meeting of NOWPAP POMRAC Working Groups: WG1 and WG 2:

Definition: "River and Direct Inputs" refer to all inputs of contaminants from land based sources and activities including, among others:

1. Rivers inputs
2. Municipal wastewater
3. Industrial wastewater
4. Non-point sources (such as agricultural runoff)
5. Marine dumping* (from land based sources and dredging).

* Some data may not be available.

29. The meeting approved and adopted the two documents: 'Terms of Reference for NOWPAP POMRAC Working Group 1 - Atmospheric Deposition of Contaminants into the Marine and Coastal Environment in NOWPAP Region' (**Annex 5**), and 'Terms of Reference for NOWPAP POMRAC Working Group 2 - River and Direct Inputs of Contaminants into the Marine and Coastal Environment in NOWPAP Region' (**Annex 6**).

Agenda Item 7. Review and Adoption of the Structure and Content of the National Reports

30. The draft 'Structure and Content of National Reports' for the two POMRAC Working Groups: WG 1 – Atmospheric Deposition and WG 2 - River and Direct Inputs (documents UNEP/NOWPAP/POMRAC/FPM 2/4 and UNEP/NOWPAP/POMRAC/FPM 2/5) were discussed and agreed upon by the 1st Joint Meeting of the two respective WGs (Vladivostok, 24-25 May 2004). The chairperson presented to the meeting the draft documents.

31. After a discussion the meeting approved and adopted the two documents: 'Structure and Content of National Reports of NOWPAP Members on Atmospheric Deposition of Contaminants into the Marine and Coastal Environment in NOWPAP Region' (**Annex 7**), and 'Structure and Content of National Reports of NOWPAP Members on River and Direct Inputs of Contaminants into the Marine and Coastal Environment in NOWPAP Region' (**Annex 8**).

Agenda Item 8. Workplan and Budget for 2004/5 Biennium

32. The Director of POMRAC presented to the Meeting the proposed Workplan and Budget for the 2004/5 biennium (UNEP/NOWPAP/POMRAC/FPM 2/6). After reviewing and discussing the suggested Workplan and Budget, the 2nd FPM approved the Workplan and Budget for 2004/5, as detailed in **Annex 9**.

33. The meeting noted that the main activities of POMRAC during the next biennium would concentrate on the compilation and the preparation of the National Reports on Atmospheric Deposition and River and Direct Inputs, consequently leading to the preparation and contribution of a regional assessment/overview on these subjects.

Agenda Item 9. Arrangement for Date and Venue of the Third NOWPAP POMRAC FPM

34. The meeting agreed to hold its 3rd Focal Points Meeting and the 2nd Joint Meeting of the two Working Groups 'back to back' in May 2005, in POMRAC, Vladivostok, Russian Federation. POMRAC secretariat will coordinate the dates with the Focal Points.

Agenda Item 10. Other Matters

Mr. Osamu Mizuno, POMRAC Focal Point of Japan noted that there was a need to better utilize the time of both the WGs meetings and the POMRAC Focal Points meeting. He said that although he could understand the difficulties that POMRAC secretariat faced, the meetings needed to be better planned and prepared. Better and more focused documentation needed to be issued and distributed to the participants well before the meetings, so that participants could be well prepared and conduct the appropriate consultations in their respective countries. Mr. Mizuno also noted that POMRAC Focal Points should be consulted prior to the meeting on the structure, the content and

the priority subjects to be discussed during the meetings. He expressed his hope that by doing this, POMRAC secretariat will increase the efficiency and productivity of the meetings.

35. The representative of UNEP noted that he fully agreed with the comments made by the Focal Point of Japan. He also noted that although POMRAC was still a young RAC and still was in the 'learning process', its director and staff should make efforts to improve the efficiency of the meetings and that Mr. Mizuno's comments should serve as important guidance. The meeting agreed with these comments.

36. In response to a question raised by the representative of UNEP, the meeting discussed the benefits and disadvantages of holding the two WGs meetings and the POMRAC FPs meeting "back to back" or, alternatively in separate times. The meeting could not reach a final conclusion on the topic and decided that the next meetings will still be held 'back to back' and decided to review the question again in the future.

37. Dr. Hiroshi Hara noted that it would be useful to better 'use' the experienced scientists who are participating in these meetings. It would be beneficial share scientific information and to discuss scientific and technical issues that may contribute to regional cooperation in the respective field of atmospheric inputs and river and direct inputs of contaminants. He noted that important issues such as quality assurance and quality control should be discussed and experience should be shared.

38. The director of POMRAC noted that he and his staff would take into account all the comments made and thanked the participants for their cooperation with POMRAC. Still, he noted, that there was a need to improve the communication between POMRAC Focal Points and the secretariat and he requested the participants to try and respond promptly to e-mails or other communication sent to them from POMRAC.

Agenda Item 11. Adoption of the Report

39. After review, the meeting approved the report, based on the understanding that the secretariat would finalize it and distribute it, together with the other meeting documents to NOWPAP Members.

Agenda Item 12. Closure of the Meeting

40. The Chair declared the meeting closed at 10:35 on Thursday, 27 May 2004.

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Annex 1

List of participants of the Second NOWPAP POMRAC Focal Points Meeting

Annex 1

List of participants of the Second NOWPAP POMRAC Focal Points Meeting

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Annex 2

List of Documents for the Second NOWPAP POMRAC Focal Points Meeting

Annex 2**List of Documents for the Second NOWPAP POMRAC****Focal Points Meeting****Working Documents**

UNEP/NOWPAP/POMRAC/FPM 2/1	Provisional Agenda
UNEP/NOWPAP/POMRAC/FPM 2/1/INF1	List of Documents
UNEP/NOWPAP/POMRAC/FPM 2/1/1	Timetable of the Meeting
UNEP/NOWPAP/POMRAC/FPM 2/INF 1	Provisional list of participants
UNEP/NOWPAP/POMRAC/FPM 2/2	Draft Terms of Reference for NOWPAP POMRAC Working Group 1 – Atmospheric Deposition of Contaminants into the Marine and Coastal Environment in NOWPAP Region
UNEP/NOWPAP/POMRAC/FPM 2/3	Draft Terms of Reference for NOWPAP POMRAC Working Group 2 - River and Direct Inputs of Contaminants into the Marine and Coastal Environment in NOWPAP Region
UNEP/NOWPAP/POMRAC/FPM 2/4	Draft Structure and Content of National Reports of NOWPAP Members on Atmospheric Deposition of Contaminants into the Marine and Coastal Environment in NOWPAP Region
UNEP/NOWPAP/POMRAC/FPM 2/5	Draft Structure and Content of National Reports of NOWPAP Members on River and Direct Inputs of Contaminants into the Marine and Coastal Environment in NOWPAP Region
UNEP/NOWPAP/POMRAC/FPM 2/6	Workplan and Budget for POMRAC in 2004/2005

Annex

UNEP/NOWPAP/POMRAC/FPM 1/9	Report of 1 st NOWPAP POMRAC Focal Points Meeting POMRAC, Vladivostok, 9-11 April 2003
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Annex 3

Provisional Agenda

Annex 3

Provisional Agenda

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 during the intersessional period - presentation POMRAC (short version)
5. Overview of progress made during 2003/4 (short version);
Presentations by NOWPAP Members on activities related to WG 1 (Atmospheric Deposition) and to WG 2 (River and Direct Inputs)
6. Review and adoption of the Terms of Reference for the Working Group 1 (Atmospheric Deposition) and for Working Group 2 (River and Direct Inputs)
7. Review and adoption of the Structure and Content of National Reports
8. Presentation and discussion of the workplan and budget of POMRAC for the 2004/2005 biennium
9. Arrangements for date and venue of the Third NOWPAP POMRAC Focal Points Meeting
10. Other matters
11. Adoption of the report of the meeting
12. Closure of the meeting

Annex 4

Timetable

Annex 4**Timetable**

Agenda Item	Timetable	Documents
<i>Wednesday, 26 May 2004</i>		
1. Opening of the meeting	10:30	
2. Organization of the meeting		
3. Adoption of the Agenda		Provisional Agenda
4. Overview of activities and progress made during intersessional period – short presentation by POMRAC	10:45	Financial report for 2002/2003
5. Overview of activities during last year – short presentations by NOWPAP Members	11:00-11:30	Power Point Presentations will be attached to final report of WG meetings
Coffee Break		
6. Review and adoption of the Terms of Reference for WG1 and for WG2	11:50 – 12:10	Annex 4 and Annex 5 of the WGs Meeting report
7. Review and adoption of the Structure and Content of National Reports for WG1 and for WG2	12:10 – 12:30	Annex 6 and Annex 7 of the WGs Meeting report
Lunch Break		
8. Presentation and discussion on the workplan and budget of POMRAC for 2004/2005	14:15 – 15:00	Workplan and Budget 2004/5
9. Arrangements for date and venue of the Third NOWPAP POMRAC Focal Points Meeting	15:00 – 15:15	
10. Other matters	15:15 – 15:30	
Farewell Reception – Peking Restaurant – 19:00		
<i>Thursday, 27 May 2004</i>		
11. Adoption of the report	9:30 – 10:30	Report of the 2 nd FP Meeting will be circulated Thursday morning
12. Closure of the meeting	10:35	
Lunch Break		

13. Visiting of the Center for Environmental Monitoring of Primorskii Territorial Management for Hydrometeorology and Environment Monitoring (Vladivostok City) by the Focal Points and Experts for POMRAC	14:00 – 17:00	
<i>Friday, 28 May 2004</i>		
14. Field trip to the Water-balance hydrological station “Primorskaya” in Kamenushka village (Ussuriisk District)	9:00 – 17:00	

Annex 5

**Terms of Reference
for NOWPAP POMRAC Working Group 1**

**- Atmospheric Deposition of Contaminants
into the Marine and Coastal Environment in NOWPAP Region**

Annex 5

Terms of Reference

for NOWPAP POMRAC Working Group 1

- Atmospheric Deposition of Contaminants into the Marine and Coastal Environment in NOWPAP Region

Background

The 7th Intergovernmental Meeting of NOWPAP (Vladivostok, 20-22 March 2002), have decided that POMRAC will be responsible for two working groups: WG 1 - Atmospheric Deposition of Contaminants into the Marine and Coastal Environment; and WG 2 – River and Direct Inputs of Contaminants into the Marine and Coastal Environment (document UNEP/NOWPAP IG.7/8).

The 1st Focal Points Meeting of POMRAC (Vladivostok, Russia, 9-11 April 2004) decided that the main task of WG 1 should be to establish a regional assessment program to evaluate the atmospheric deposition of contaminants into the marine and coastal environment in NOWPAP region.

The 2nd Focal Points Meeting of POMRAC (Vladivostok, Russia, 26-28 May 2004) adopted the Terms of Reference for Working Group 1 (WG 1), as follows.

Objectives

The main objectives of the WG 1 are:

- (a) Exchange information to ensure practical implementation of activities related to the monitoring of Atmospheric Deposition in the NOWPAP region.
- (b) Promote, coordinate and harmonize regional cooperation in the NOWPAP region related to the monitoring of Atmospheric Deposition of contaminants into the coastal and marine environment.

Functions

The functions of the WG 1 are:

- Identify and carry out the cooperative actions in the NOWPAP region related to the monitoring of the Atmospheric Deposition.
- Promote information exchange and technical cooperation, including education, training and technology transfer in the fields related to monitoring of the Atmospheric Deposition.

- Review ongoing regional and national activities and advise POMRAC on necessary follow-up actions related to the monitoring of the Atmospheric Deposition.
- Advise POMRAC on necessary activities related to the goals and objectives of NOWPAP in the field of marine and coastal monitoring.

Participation

Each NOWPAP Member will nominate its representatives to WG 1. The Working Group will be composed of two experts from each NOWPAP Member, preferably from the scientific community dealing with Atmospheric Deposition.

Other relevant international or/and regional organizations dealing with Atmospheric Deposition in the NOWPAP region may be invited to participate in the work of WG 1 as observers or consultants.

Activities

To achieve the main task of the Working Group 1 (Atmospheric Deposition), the following activities will be carried out:

1. Review and assess existing national and regional programs and systems, which may be used for the evaluation of the atmospheric deposition of contaminants into the marine and coastal environment.
2. Review of the national monitoring data as well as scientific data and models for the evaluation of the atmospheric deposition of contaminants into the marine and coastal environment.
3. Discuss regional strategies and priorities for the monitoring and evaluation of atmospheric deposition of contaminants in the region.
4. Identify the monitoring parameters and data to be used in order to link the land-based data to atmospheric deposition into the marine and coastal environment.
5. Discuss the further development of a monitoring system for atmospheric deposition into marine and coastal environment, including marine-based measurements/observations.
6. Identify and cooperate with potential partners, organizations and/or programs, which may operate in the related fields.
7. Discuss the development of data and information sharing and exchange mechanisms within NOWPAP members and the related partners.
8. Discuss the development of the capacity building measures and public outreach products.
9. Assist in preparation of detailed national reports.
10. Prepare a regional overview based on the national reports.
11. Participate and contribute to a regional assessment of the state of marine and coastal environment in NOWPAP region.

Procedures

WG1 will meet once or twice a year in venues rotating among NOWPAP members. Intersessional work will be carried out mainly by correspondence (via internet).

The Working Group 1 shall adopt, mutates mutandis, the rules of procedures of the UNEP Governing Council.

The Chairperson for each meeting will be elected by the WG 1 on a rotational basis. The Chairperson will continue to serve as the chairperson of WG 1 during the intersessional period, until a new chair is elected in the following meeting.

Working Group 1 will try to achieve decisions by consensus. Lack of consensus will be reported to the next POMRAC Focal Points Meeting.

The Working Group 1 will advise, when necessary, to the POMRAC Focal Points Meeting on amendments to the present Terms of Reference for WG 1.

A report will be prepared at the end of each WG 1 meeting. The report will be presented to the next POMRAC Focal Points Meeting.

POMRAC will act as the secretariat for Working Group 1.

Budget and Expenses

The WG 1 activities will be supported by the NOWPAP Trust Fund through POMRAC budget. Other external funds should also be sought in accordance with the development of POMRAC activities.

Language

The working language of the WG 1 will be English. The host country of each of the meeting sessions may interpret English into the language of the host country.

Annex 6

**Terms of Reference
for NOWPAP POMRAC Working Group 2**

**- River and Direct Inputs of Contaminants
into the Marine and Coastal Environment in NOWPAP Region**

Annex 6

Terms of Reference for NOWPAP POMRAC Working Group 2 - River and Direct Inputs of Contaminants into the Marine and Coastal Environment in NOWPAP Region

Background

The 7th Intergovernmental Meeting of NOWPAP (Vladivostok, 20-22 March 2002), decided that POMRAC should be responsible for two working groups: WG 1 – Atmospheric Deposition of Contaminants into the Marine and Coastal Environment; and WG 2 – River and Direct Inputs of Contaminants into the Marine and Coastal Environment (document UNEP/NOWPAP IG.7/8).

The 1st Focal Points Meeting of POMRAC (Vladivostok, Russia, 9-11 April 2003) decided that the main task of WG 2 should be to establish a regional assessment program to evaluate the river and direct inputs of contaminants into the marine and coastal environment in the NOWPAP region.

The 2nd Focal Points Meeting of POMRAC (Vladivostok, Russia, 26-28 May 2004) adopted the Terms of Reference for Working Group 2 (WG 2), as follows.

Definition: river and direct inputs refer to all inputs of contaminants from land based sources and activities including, inter alia:

- Rivers inputs
- Municipal wastewater
- Industrial wastewater
- Non points sources (such as agricultural runoff)
- Marine Dumping (from LBS and Dredging)

Objectives

The main objectives of WG 2 are:

- (a) Exchange information to ensure practical implementation of activities related to the monitoring of river and direct inputs in the NOWPAP region.
- (b) Promote, coordinate and harmonize regional cooperation in the NOWPAP region related to the monitoring of river and direct inputs into the coastal and marine environment.

Functions

The functions of WG 2 are:

- Identify and carry out the cooperative actions in the NOWPAP region related to the monitoring of the river and direct inputs.

- Promote information exchange and technical cooperation, including education, training and technology transfer in the fields related to monitoring of the river and direct inputs.
- Review ongoing regional and national activities and advise POMRAC on necessary follow-up actions related to the monitoring of the river and direct inputs.
- Advise POMRAC on necessary activities related to the goals and objectives of NOWPAP in the field of marine and coastal monitoring.

Participation

Each NOWPAP Member will nominate its representatives to WG 2. The Working Group will be composed of two experts from each NOWPAP Member, preferably from the scientific community dealing with rivers and direct inputs.

Other relevant international and/or regional organizations dealing with river and direct inputs of contaminants into the marine and coastal environment in the NOWPAP region may be invited to participate in the work of WG 2 as observers or consultants.

Activities

To achieve the main task of WG 2, the following activities will be carried out:

- 1) Compilation and exchange of national reports based on a format agreed upon by POMRAC Focal Points Meeting
- 2) Review of the national reports
- 3) Preparation of the regional overview (consultancy)
- 4) Identification of gaps and needs.
- 5) Publication of national reports
- 6) Publication of regional overview
- 7) Identification and prioritization of required activities under this working group

Procedures

WG 2 will meet once or twice a year in rotating venues among the NOWPAP members. Intersessional work will be carried out mainly by correspondence (via internet).

The Chairperson for each meeting will be elected by WG 2 on a rotational basis. The Chairperson will continue to serve as the chairperson of WG 2 during the intersessional period, until a new chair is elected in the following meeting.

Working Group 2 will try to make decisions by consensus. Lack of consensus will be reported to the next POMRAC Focal Points Meeting.

Working Group 2 will advise, when necessary, to the POMRAC Focal Points Meeting on amendments to the present Terms of Reference for WG 2.

A report will be prepared at the end of each WG 2 meeting. The report will be presented to the next POMRAC Focal Points Meeting. POMRAC will provide the secretariat to WG 2.

Budget and Expenses

The WG 2 activities will be supported by the NOWPAP Trust Fund through POMRAC budget. Other external funds will also be sought in accordance with the development of POMRAC activities.

Language

The working language of WG 2 will be English. The host country of each of the meeting sessions may interpret English into the language of the host country.

Annex 7

**Structure and Content of National Reports
of NOWPAP Members
on Atmospheric Deposition of Contaminants into the Marine and
Coastal Environment in NOWPAP Region**

Annex 7

Structure and Content of National Reports of NOWPAP Members on Atmospheric Deposition of Contaminants into the Marine and Coastal Environment 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 (what is it, why is it important, relevance to the region etc.)
 - Geographical scope (geographical coverage of the report, characteristics of the country and its 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 and economic situation** (short overview of relevant social and economic aspects related to atmospheric deposition, e.g. population, distribution of communities in the country (mainly coastal or inland communities), main income, anthropogenic activities which cause atmospheric deposition, transport, energy, industry)
- 4. National monitoring and research activities related to atmospheric deposition of contaminants**
 - 4.1 National programmes** (major scientific or administrative programmes, actors/organizations etc., institutional framework, regular or irregular activities/projects, number and location of stations, existing monitoring parameters (chemical, physical and others) and frequency, etc., including tables and maps).
 - 4.2 Methodologies/procedures** (including equipment used, detection limits and accuracy – preferably in tabular form [sample tables to be provided by POMRAC Secretariat], QA/QC procedures applicable to atmospheric deposition used in each NOWPAP country).
 - 4.3 Research activities** (related to atmospheric deposition in NOWPAP region).
 - 4.4 Training activities** (related to atmospheric deposition)
- 5. Present situation** of atmospheric deposition of contaminants (based on 2002 data) and long term trends, if available. Recommended parameters will be submitted by POMRAC secretariat.
- 6. Recommendations for future regional activities and priorities** (related to atmospheric deposition in NOWPAP region)

7. Conclusions

8. References (related publications, websites and other information sources available related to Atmospheric Deposition)

Annex (s):

1. National Laws and Regulations (overview of relevant policies and laws related to the subject).

Annex 8

**Structure and Content of National Reports
of NOWPAP Members
on River and Direct Inputs of Contaminants into the Marine and
Coastal Environment in NOWPAP Region**

Annex 8

Structure and Content of National Reports of NOWPAP Members on River and Direct Inputs of Contaminants into the Marine and Coastal Environment 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 river and direct inputs of contaminants (what is it, why is it important, relevance to the region etc.)
- Geographical scope of relevant region of NOWPAP area (geographical coverage of the report, major rivers, coasts, mountains, cities, climatic systems, physical geography etc.)
- Institutional arrangements for developing these reports (who prepared this report)

3. Social and economic situation in 2001-2002 (including the historical review for the last decade; 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, transport, energy, industry)

4. National monitoring and assessment activities (related to river and direct inputs of contaminants)

4.1. Overviews of national policies and laws

4.2. National program(s) (major scientific or administrative programs, actors/organizations etc., institutional framework, regular or irregular activities/projects, and management program including standards.

4.3 Methodologies and procedures (including equipment used, detection limits and accuracy, QA/QC procedures. characteristics of network.

4.4 Research activities

4.5 Training activities and programs

5. Present situation of river and direct inputs of contaminants (based on 2002 data) and long term trends, if available. Recommended parameters will be submitted by POMRAC secretariat.

6. **Proposals for future regional activities and priorities in NOWPAP regions**
7. **Conclusion**
8. **Data availability (publications, Websites and other information sources)**

Annex 9

Workplan and Budget for POMRAC in 2004/2005

Annex 9

Workplan and Budget for POMRAC in 2004/2005

1. Introduction

1. The Seventh Intergovernmental Meeting of NOWPAP (IGM) (Vladivostok, Russian Federation, 20-22 March 2002) approved the workplan and budget for the entirety of NOWPAP activities for the 2002/2003 biennium, including the budget of \$125,000 for POMRAC activities (UNEP(DEC)/NOWPAP/IG.7/10).
2. Consequently, the First NOWPAP POMRAC Focal Points Meeting (Vladivostok, Russian Federation, 9 -12 April 2003) adopted the workplan and budget for the POMRAC 2002/03 activities with a total budget of \$125,000.
3. The POMRAC activities and the detailed expenditures for the 2002/03 biennium are reported under agenda item 4.
4. The 1st NOWPAP POMRAC Focal Points Meeting recommended that the workplan for POMRAC for 2004/05 would be on the level of \$195,000 and such request was presented by the POMRAC Secretariat to the Eighth Intergovernmental Meeting (Sanya, China, 5-7 November 2003).
5. The Eighth Intergovernmental Meeting decided to allocate the sum of \$150,000 for each of the NOWPAP RACs for 2004/05 biennium, including for POMRAC activities.

2. Main activities for 2004/2005 biennium

6. The First Joint Meeting of NOWPAP POMRAC Working Groups: WG 1 and WG 2 (Vladivostok, 25-26 May 2004) agreed that the main activities for WG 1 (Atmospheric Deposition) would consist of the following elements:
 1. Review and assess existing national and regional programmes and systems, which may be used for the evaluation of the atmospheric deposition of contaminants into the marine and coastal environment.
 2. Review the national monitoring data as well as scientific data and models for the evaluation of the atmospheric deposition of contaminants into the marine and coastal environment.
 3. Discuss regional strategies and priorities for the monitoring and evaluation of atmospheric deposition of contaminants in the region
 4. Identify the monitoring parameters and data to be used in order to link land-based data to atmospheric deposition into the marine and coastal environment.
 5. Discuss the further development of a monitoring system for atmospheric deposition into marine and coastal environment, including marine-based measurements/observations.
 6. Identify and cooperate with potential partners, organizations and/or programs, which may operate in the related fields.
 7. Discuss the development of data and information sharing and exchange mechanisms within NOWPAP members and the related partners.
 8. Discuss the development of the capacity building measures and public outreach products.
 9. Assist in the preparation of detailed national reports.

10. Prepare a regional overview based on the national reports.
11. Participate and contribute to a regional assessment of the state of marine and coastal environment in the NOWPAP region.

7. The First Joint Meeting of NOWPAP POMRAC Working Groups: WG 1 and WG 2 also agreed that the main activities for WG 2 (River and Direct Inputs) would consist of the following elements:

1. Compilation and exchange of national reports based on a format agreed upon by POMRAC Focal Points Meeting
2. Review of the national reports
3. Preparation of the regional overview (consultancy)
4. Identification of gaps and needs.
5. Publication of national reports
6. Publication of regional overview
7. Identification and prioritization of required activities under this working group

8. The 2nd NOWPAP POMRAC Focal Points Meeting (Vladivostok, 26-27 May 2004) agreed that the procedure for preparing the National Reports and the Regional Overview/Assessment would be as follows:

1. The National Reports will be compiled and written based on the 'Structure and Contents of National Reports' agreed upon by the 2nd NOWPAP POMRAC Focal Points Meeting.
2. The National Reports will be prepared by either the POMRAC Focal Points assisted by National Experts, or directly by National Experts hired by POMRAC. Financial support for the preparation of the National Reports will be provided by POMRAC, according to guidance of POMRAC FPs.
3. The draft National Reports will be submitted to POMRAC secretariat by POMRAC Focal Points (after review and approval of the work of the National Experts) no later than 1st February 2005. WGs members from each country may be involved in the preparation of the draft National Reports.
4. An experienced consultant from the region, hired by POMRAC, will conduct a preliminary compilation and harmonization of the four National Reports and will also provide a short introduction and summary.
5. Draft National Reports (including the short introduction and summary) will be submitted to the WGs and POMRAC Focal Points by e-mail, no later than 1st March 2005. After receiving comments from WGs and POMRAC FPs (within 30 days), the reports will be amended by the consultant and submitted to the 3rd NOWPAP POMRAC FPs Meeting, planned for May 2005, for review and adoption.
6. The next POMRAC FPM (May 2005) will discuss and agree whether the National Reports are completed. When finalized, the National Reports will be printed as a POMRAC technical report.
7. The FPM will also discuss and agree on the structure, content, scope and sources of information of the regional assessment and overview. The draft may be provided by the consultant.
8. An experienced consultant from the region (possibly, but not necessarily the same one mentioned in point 4 above) will be hired by POMRAC to compile a regional assessment and overview, using, among others, the National Reports.

9. The 2nd NOWPAP POMRAC Focal Points Meeting (26-27 May 2004) agreed that the Workplan and budget for the 2004/05 biennium would be as described in the following table:

Workplan and Budget for POMRAC in 2004/2005as decided by the 2nd NOWPAP POMRAC Focal Points Meeting; Vladivostok, 26-27 May 2004

Activity	Planned date	Responsibility	Remarks	Budget US\$
'Back to Back' First Joint Meeting of WGs (WG1 and WG2) and 2 nd FPM	May 2004	POMRAC with assistance of UNEP	Vladivostok, Russia	36,000
Preparation of the National Report of WG 1	June 2004 – February 2005	National Experts from each NOWPAP Member States	\$5,000 for experts from each NOWPAP member States	20,000
Preparation of the National Report of WG 2	June 2004 – February 2005	National Experts from each NOWPAP Member States	\$5,000 for experts from each NOWPAP Member States	20,000
'Back to Back' Second Joint Meeting of WGs (WG1 and WG2) and 3 rd FPM	May 2005	POMRAC with assistance of RCU and UNEP	Vladivostok, Russia	33,000
Harmonization of WG1 National Reports	February – May 2005	POMRAC through regional consultant		6,000
Harmonization of WG2 National Reports	February – May 2005	POMRAC through regional consultant		6,000
Printing of National Reports				4,000
Preparation of the Regional Assessment and Overview WG 1	June 2005 – 2005	POMRAC with assistance of UNEP and RCU	Activity and budgets could continue to next biennium	10,000
Preparation of the Regional Assessment and Overview WG 2	June 2005 – 2005	POMRAC with assistance of UNEP and RCU	Activity and budgets could continue to next biennium	10,000
Website	Throughout 2004/5	POMRAC		2,000
Cooperation, coordination of POMRAC activities and communication maintenance	Throughout 2004/5	POMRAC in cooperation with RCU, UNEP, UNESCO/IOC and relevant regional organizations		3,000
Total				150,000

Report of the 2nd of NOWPAP
POMRAC Focal Points Meeting

Vladivostok, Russian Federation

26-27 May 2004

Материалы Второго Международного совещания
координаторов и экспертов
Регионального Центра Активности
в области мониторинга окружающей среды
стран-членов Плана действий по охране, управлению
и развитию морской и прибрежной среды
региона северо-западной части Тихого океана
(NOWPAP POMRAC)

26-27 мая 2004 г., Владивосток

(На англ. яз.)

Отпечатано с оригинал-макета, подготовленного
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