

The Second Scientific Workshop on Evaluation
of the State of Acid Deposition in East Asia
29-31 August 2005, Niigata, Japan

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Workshop Minutes

(preliminary draft)

1. The Second Scientific Workshop on Evaluation of the State of Acid Deposition in East Asia was held in Niigata, Japan on 29-31 August 2005. The Acid Deposition and Oxidant Research Center (ADORC) serving as the Network Center (NC) for Acid Deposition Monitoring Network in East Asia (EANET) organized the workshop, in collaboration with United Nations Environment Programme Regional Resource Centre for Asia and the Pacific (UNEP RRC.AP) serving as the Secretariat for EANET, and in cooperation with the Ministry of the Environment of Japan, Niigata Prefecture and Niigata City.
2. The Workshop was attended by thirty six participants and observers from twelve participating countries, namely, Cambodia, China, Indonesia, Japan, Lao P.D.R, Malaysia, Mongolia, Philippines, Republic of Korea, Russia, Thailand and Viet Nam. The list of the participants of the workshop is attached as Annex I.
3. The workshop commenced with opening addresses by Dr. Jiang Wei, the Secretariat of EANET, UNEP RRC.AP and by Dr. Hiromasa Ueda, Director General of ADORC. Prof. Awang, Chair of SAC moderated the workshop as the Head of Drafting Committee (DC).
4. The presentations were done by lead authors on the respective chapters of regional assessments. Some points were raised during the discussion:
 - The assessment should concentrate on interpretation of data and facts,
5. The representative from 8 countries made presentations on presented material or outlines of National Assessment Reports. The major recommendation were done during the discussions:
 - The core part of assessment should include analysis of EANET data as priority,
 - Period of data analysis should cover the period of 2000-2004,
 - Changes of site information and conditions should be presented as a part of metadata for Chapter 2 of regional assessment and should be included in national assessment report, if necessary,
 - DC should prepare some minimum requirements and standard formats for data analysis

and presentations.

- The balance between texts, graphs and table is recommended.
6. Groups of lead authors and contributors discussed the detail content for preparation of draft reports. The outcomes and main points were presented by lead authors and discussed. The major recommendations are:
 - The analysis can include monitoring data for 2000-2004
 - New Chapter 4 will pay more attention to the experience and lessons learnt from EANET activities
 - The outlines of executive summary will be discussed at the next DC meeting.
 7. Some modifications were proposed by lead authors on content of PRSAD. The revised draft content with assumed pages of main chapters is attached as Annex 2. The Introduction part is recommended to be included at the beginning of each chapter.
 8. Some technical requirements were decided by lead authors for preparation of manuscripts. The color printing of Report is requested by DC. NC will provide the format for references as used for publication in journal "Atmospheric Environment".
 9. The first draft of the whole report is decided to be prepared by the end of March 2006 with correspondent deadlines within groups.
 10. The review of draft PRSAD by external experts is proposed after the Second Meeting of Drafting Committee (DC2). The preparation of executive summary will be discussed at DC2 with particular aim for policy makers.
 11. The revised draft of the periodic Report is expected to be discussed at the next scientific workshop next year among the wider circle of scientists and experts from EANET participating countries and outside.

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List of Participants

31 August 2005

Participants

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***Note:**
Since this list includes personal information,
please handle it with enough care.

Contents of the first periodic report (Revised draft)

Executive Summary

Introduction

Part I Regional Assessment

Chapter 1. Basic information on EANET activities (*20 pages*)

- 1.1 Introduction
- 1.2 Objective of EANET
- 1.3 Objective of periodic reports
- 1.4 History of EANET
- 1.5 Institutional framework of EANET
- 1.6 Monitoring stations
- 1.7 Monitoring program from 2001 to 2004
- 1.8 Outline of sampling and measurement methods
- 1.9 Outline of the national monitoring plans

Chapter 2. QA/QC activities and their evaluation (*20 pages*)

- 2.1 Introduction
- 2.2 Program on QA/QC activities
- 2.3 Results of Inter-Laboratory Comparison Projects
- 2.4 Evaluation of meta data
- 2.5 Evaluation of the measurements

Chapter 3. State of acid deposition in East Asia

- 3.1 Regional geography and climatology (*10 pages*)
- 3.2 Atmospheric deposition (*80 pages*)
 - 3.2.1 Introduction
 - 3.2.2 Atmospheric and precipitation chemistry
 - 3.2.2.1 Gas and aerosol chemistry
 - 3.2.2.2 Precipitation chemistry
 - 3.2.3 Wet deposition
- 3.3 Ecological impacts (*50 pages*)
 - 3.3.1 Introduction
 - 3.3.2 Soil features
 - 3.3.3 Vegetation features
 - 3.3.4 Inland aquatic environment
 - 3.3.5 Possible impacts on ecosystems

Chapter 4. Achievements and experiences for the first 5 years of EANET (*10 pages*)

Chapter 5. Other regional studies in East Asia (*30 pages*)

- 5.1 Introduction
- 5.2 Regional initiatives other than EANET
- 5.3 Existed initiatives on monitoring
- 5.4 Emission inventory
- 5.5 Transport modeling
- 5.6 Ecological modeling and assessment studies

Chapter 6. Recommendations for future works (*5 pages*)

Appendix Overview of national/regional criteria, standards or guidelines

Part II National Assessments

Cambodia
China
Indonesia
Japan

Lao PDR
Malaysia
Mongolia
Philippines

Republic of Korea
Russia
Thailand
Viet Nam