

The Fifth Senior Technical Managers' Meeting
of the Acid Deposition Monitoring Network
in East Asia
28-30 September 2004, Niigata, Japan

National Training Activities in the Participating Countries of EANET in 2003

I. INTRODUCTION

1. Based on the request at the Second Session of the Intergovernmental Meeting, the Network Center (NC) for the Acid Deposition Monitoring Network in East Asia (EANET) implemented a "Questionnaire Survey for Training/capacity Building Needs" to develop the "Draft Training Programs for EANET in the Regular Phase". Taking account of the preparatory-phase activities of EANET and the result of the questionnaire survey, NC developed the "Draft Training Programs for EANET in the Regular Phase".

2. NC submitted them to the Third Session of the Intergovernmental Meeting for EANET, held on 19-20 November 2001 in Chiang Mai. The session endorsed the "Training Programs for EANET in the Regular Phase (EANET/IG 3/10/2)".

3. In line with the "Training Programs for EANET in the Regular Phase" and the "Work Program and Budget in 2003", NC implemented the "Questionnaire Survey for National Training Activities in 2003" in this summer. This report was developed to disseminate the result of this survey.

II. RESULTS OF QUESTIONNAIRE SURVEY FOR NATIONAL TRAINING IN 2003

4. The summary of the result of the "Questionnaire Survey for National Training in 2003" is attached as ANNEX. In 2003, totally twenty-two events of national training/capacity building activities such as national workshops, technical meetings and individual training, etc. were carried out in eight participating countries. They were implemented various kinds of training/capacity building activities in line with specific needs of their countries and under existing institutional framework in the participating countries.

5. The major topics of national training in 2003 were wet deposition monitoring (including

sampling and analysis of samples), dry deposition monitoring (including air quality monitoring and analysis). Training on Soil/vegetation and inland aquatic environment monitoring (including sampling and analysis of inland water) were also implemented in four countries (Japan, R. of Korea Russia and Thailand) as well as data management and modeling in two countries (R. of Korea and Russia). Based on the request from two participating countries (China and Thailand) for national training courses, NC dispatched experts as lecturers.

ANNEX

National Training Programs in 2003

Country Name		Title of Training course/ Meeting	Duration	No. of Participants	Major Topics
Cambodia	1	Training course on “Atmospheric Pollution and Acid Deposition, Their Effluence, and Related Countermeasure”	April - August 2003	40	Major topics (wet deposition, dry deposition, soil & vegetation, inland aquatic environ, etc.) with specific concerns; <ul style="list-style-type: none"> - General aspect of deposition (wet and dry forms) and their impacts to environment, ecology, etc. - Wet deposition and available countermeasure to local communities. - Action of concerned institutions in maintaining a better atmosphere condition
China	1	Training on SO ₂ and acid deposition monitoring	20 - 31 October 2003	55	<ul style="list-style-type: none"> - Introduction of EANET; Method and technique of wet deposition monitoring; - Introduction of Acid deposition monitoring in Zhejiang province and Chongqing. - Introduction of National Acid deposition monitoring.
	2	Workshop on acid deposition monitoring in Guiyang, Guizhou province	15 - 17 December 2003	56	<ul style="list-style-type: none"> - Acid Deposition Monitoring Network in East Asia; - Wet deposition monitoring and QA/QC of EANET; - Dry deposition monitoring of EANET; - Introduction of the progress of national wet deposition survey. - Introduction of Acid deposition monitoring activities in Guizhou and Sichuan province as well as in Chongqing and Guangxi autonomous region.
Indonesia	-				

Country Name		Title of Training course/ Meeting	Duration	No. of Participants	Major Topics
Japan	1	Training on Instrumental Analysis	January 15 -30 2003	33	- Ambient air and water analysis (Including practice on Atomic Absorption Spectrometry 3 hours, Ion chromatography 3 hours)
	2	Meeting on National Acid Deposition Monitoring, JFY2002	March 10 2003 (3hours)	92	- Wet/Dry deposition monitoring - Arrangement of a system for the long-range domestic monitoring plan in Japan
	3	Meeting on National Acid Deposition Monitoring (inland aquatic environment), JFY 2002	March 19 2003 (3hours)	34	- Topics on Inland aquatic environment monitoring
	4	Training on Water Analysis	May 6 - 21 2003	36	- Practices on water analysis (related to inland aquatic environment monitoring)
	5	Meeting on National Acid Deposition Monitoring (soil & vegetation), JFY2003	June 20 2003 (3 hours)	37	- Topics on Soil & vegetation monitoring
	6	Meeting on Survey and Research of Acid deposition	September 22 2003 (3 hours)	95	- Overview of acid deposition monitoring in Japan, Progress on EANET activities, Some topics related to acid deposition monitoring by local governments
	7	Training on Operation of Automatic Ambient Air Monitoring Instruments	October 28-30 2003 (Osaka), November12-14 2003 (Tokyo)	85	- Method and instrument for Gaseous concentration monitoring (related to dry deposition)
	8	Training on Air Analysis	November 27 - December 12 2003	16	- Practices on air pollutant analysis

Country Name		Title of Training course/ Meeting	Duration	No. of Participants	Major Topics
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Malaysia	1	Meeting with Malaysian Chemistry Department	2 hours	8	- Monitoring procedures, laboratory analysis and results, QA/QC.
	2	Briefing on Acid Deposition	2 hours	15 - 40	- Sources, impacts and mitigating measures of acid deposition.
Mongolia	1	Annual seminar for environmental monitoring	5-9 January 2003	9	- Environmental quality monitoring including acid deposition monitoring, QA/QC program
	2	Individual training course	1 – 5 May 2003	1	- Wet & dry deposition monitoring techniques: sampling, sample handling
	3	Air pollution & acid deposition	2–16 December 2003	20	- Air pollution; Wet & dry deposition
Philippines					
R. of Korea	1	Acid Rain Measurement	17 March 2003	12	- Wet deposition, dry deposition, soil & vegetation, inland aquatic environ, etc. - Acid Rain Sampling (Wet deposition, Dry deposition) - Acid Rain Measurement - Data analysis and reportingQA/QC

Country Name		Title of Training course/ Meeting	Duration	No. of Participants	Major Topics
Russia	1	Training course on the water analysis Inter-laboratory comparison project on “reference material” of Baikal water	30 days	30	<ul style="list-style-type: none"> - Quality control of methods for analysis of inland aquatic environment. - Finding out the applicability methods for analyses of inland aquatic environment in laboratories of Siberia
	2	Meeting on “Aerosols of Siberia”	5 days	90	<ul style="list-style-type: none"> - Topics on Air pollution of Siberia, greenhouse gases, biological aerosol, processes of mathematical modelling in the atmosphere.
	3	Environment training course for students of chemical faculty of Irkutsk State University	20 days	25	<ul style="list-style-type: none"> - Sampling and analyses of wet and dry deposition, inland aquatic environment; - Effects of acid deposition for environment
	4	Individual training	20 days	10	<ul style="list-style-type: none"> - Wet deposition, dry deposition, soil, inland aquatic environment
Thailand	1	National Training on Acid Deposition Monitoring in Thailand	3-6 March 2003	40	<ul style="list-style-type: none"> - Wet, Dry Deposition, Soil and vegetation, - Inland Aquatic Environment
Viet Nam	-				