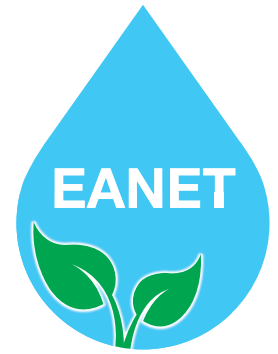


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# EANET Newsletter



## Officially Presentation of Signed page Instrument for Strengthening the Acid Deposition Monitoring Network in East Asia (EANET)

At the opening ceremony of the IG14 on 26 November 2012 in Yangon, Myanmar, the representative of the Russian Federation, Mr. Yury V. Peskhov, Head of Environmental Pollution Monitoring Department, Federal Service for Hydrometeorology and Environmental Monitoring (Roshydromet) had officially presented to Dr. Supat Wangwongwatana, the EANET Secretariat the original signed page of the Instrument for Strengthening the Acid Deposition Monitoring Network in East Asia (EANET) of the Russian Federation. The Instrument was signed on 1 September 2012 by the Head of Roshydromet on behalf of the Government of Russian Federation. Mr. Peskhov also confirmed the high value of the Instrument in strengthening the EANET.



Russian Federation presented the Original Signed Page of the Instrument to the Secretariat on 26 November 2012

## Progress Status of Signing the Instrument for Strengthening the Acid Deposition Monitoring Network in East Asia (EANET)

The thirteen countries in East Asia, namely, Cambodia, China, Indonesia, Japan, Lao PDR, Malaysia, Mongolia, Myanmar, Philippines, Republic of Korea, Russian Federation, Thailand, and Vietnam, have participated in the Acid Deposition Monitoring Network in East Asia (EANET). During the High Level Segment of the Twelfth Session of the Intergovernmental Meeting (IG12) on the EANET held in Niigata, Japan in November 2010, seven participating countries, namely, Cambodia, Japan, Mongolia, Myanmar, Philippines, Republic of Korea, and Thailand signed the Instrument for Strengthening the Acid Deposition Monitoring Network in East Asia (EANET). Since then, the Secretariat for the EANET at RRC.AP made a follow-up with the remaining countries on the signing of the Instrument. Vietnam and China signed the Instrument in 2011, whereas Lao PDR, Malaysia, and Russia signed the Instrument in 2012. Russia is the latest participating country signing the Instrument on 1 September 2012. To date, a total of 12 out of the 13 participating countries have already signed the Instrument. The remaining country had sent an official letter on 7 August 2012 extending its government's strong commitment to maintain firm interest to participate in the joint activities of the EANET and has sought for the necessary process on the possibility of signing the Instrument in due course. Although not all participating countries of the EANET had signed the Instrument yet, the Instrument was made operational since 1 January 2012 in accordance with the Decision 1/IG.12 which states that "the Instrument will become operational on the date on which all participating countries have signed it, or on 1<sup>st</sup> January 2012, whichever is earlier".

## Senior Technical Managers' Meeting of the EANET, 30-31 August, Hanoi, Vietnam



The Senior Technical Managers of the EANET on 30-31 August 2012

The Thirteenth Senior Technical Managers' Meeting (STM13) was held on 30-31 August 2012, in Hanoi, Vietnam. The Meeting reviewed and discussed several important issues and reports of EANET, including (i) the Report on the Progress of the EANET since the Twelfth Senior Technical Managers' Meeting (STM12) in 2011; (ii) the Outcomes of the Thirteenth Session of the Intergovernmental Meeting (IG13) on the EANET in 2011; (iii) the Eleventh Sessions of the Working Group on Future Development (WGFD11) of the EANET in 2012, (iv) the Overview of the Preliminary Draft Data Report 2011, and (v) the Evaluation for the Results of the Inter-laboratory Comparison (ILC) Projects 2011.

The participants presented the National Monitoring Plans (NMPs) of their respective countries and their current monitoring activities. These formed part of the overall EANET monitoring. Vietnam introduced 3 new monitoring sites to be established in 2013. The Meeting also considered the draft Quality Management Guidebook for the EANET developed by the Network Center for the EANET which had planned to be submitted to the Twelfth Session of the Scientific Advisory Committee

(SAC12) in 2012. The Network Center also reported to the Meeting the activities of the Expert Group on the Preparation of the Technical Manual for Air Concentration Monitoring, and the Status of the Monitoring and the QA/QC System of Ozone of the EANET. And, an expert from Vietnam presented the preparation and application of the diffusive passive sampler of SO<sub>2</sub> and NO<sub>2</sub> gases in Vietnam. After the meeting, the Minutes of the Meeting was finalized after the comments from the participants were included, and distributed.

## Eleventh Session of the Working Group on Future Development (WGFD11) of the EANET, 7-8 August, Chonburi, Thailand

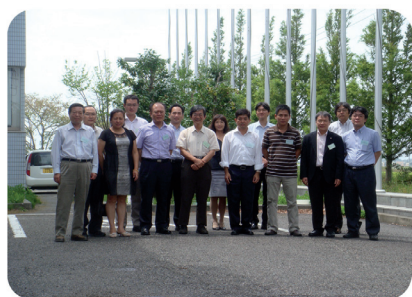


Participants at the WGFD11 on 7-8 August 2012

The Eleventh Session of the Working Group for Future Development of the EANET (WGFD11) was held on 7-8 August 2012 in Chonburi, Thailand. The WGFD11 reviewed several important issues on the EANET, namely, (i) the Draft Report on the Progress of the EANET since the Tenth Session of the WGFD (WGFD10) and the Draft Financial Report of the Secretariat and the Network Centre (NC) in 2011; (ii) the Draft Report on the Review of the Performance of the Secretariat and the NC (2010-2011); (iii) the Revised Draft Guidelines on Administrative and Financial Management for the Secretariat and the NC; (iv) the Implementation of the Instrument for Strengthening the EANET; (v) the Future Development of the EANET including the Draft Terms of Reference (TOR) of the WGFD in 2013-2014; and (vi) the Draft Work Program and Budget for the EANET in 2013. The Session discussed and made recommendations for the consideration of the Fourteenth Session of the Intergovernmental Meeting (IG14) on the EANET in 2012. A representative from the Clean Air Asia overviewed the state of air quality in the Asian region and the emerging global issues that impact on the air quality management in the region.

## The Second Meeting of the Expert Group on Preparation of the Technical Manual for Air Concentration Monitoring (EGACM2)

The Second Meeting of the Expert Group on Preparation of the Technical Manual for Air Concentration Monitoring (EGACM) was held on 23-24 August 2012, in Niigata, Japan. The meeting discussed the first draft of the Technical Manual, future schedule and so on for submission the revised first draft to the SAC12 in October 2012. The Draft will be finalized in 2013 and submitted to the Task Force on Monitoring for Dry Deposition and the Thirteenth Session of the Scientific Advisory Committee (SAC13).



Expert Group attendance on EGACM2 23-24 Aug 2012

## The Fifth Meeting of the Task Force on Research Coordination of the Scientific Advisory Committee on the EANET

The Fifth Meeting of the Task Force on Research Coordination (TFRC5) was held on 21 November 2012, in Yangon, Myanmar organized by the Network Centre (NC) for the EANET. The participants were restricted to the invited scientific members. The TFRC5 discussed (i) establishment of the Reviewing Committee on Present Status of Air Pollution in East Asia under TFRC; (ii) Reports of Research Fellowship Program in 2011; (iii) current research projects of the NC; (iv) future research plan including the research proposals of the priority research themes to apply potential external funding sources; (v) EANET Science Bulletin (Vol. 3) and so on. It was decided to propose the SAC that the Bulletin should be developed in 2013.

## The Twelfth Session of the Scientific Advisory Committee (SAC12) on the EANET



Member and alternates of the Session of the Scientific Advisory Committee on the EANET

The Twelfth Session of the Scientific Advisory Committee on the EANET (SAC12) was held on 22-24 November 2012, in Yangon, Myanmar back to back with the Fourteenth Session of the Intergovernmental Meeting (IG14) on the EANET. The event was organized by the Secretariat (RRC.AP) and the Network Center (NC/ACAP) for the EANET and hosted by the Government of Myanmar.

The Session was opened with the Welcome address delivered by Mr. Tun Lwin Oo, Director General, Directorate of Water Resources and Improvement of River System, on behalf of the Government of Republic of the Union of Myanmar. Dr. Hajime Akimoto, Director General of the Asia Center for Air Pollution Research (ACAP) delivered the Introductory Remarks. And, Dr. Supat Wangwongwatana, Coordinator of the Secretariat for the EANET, Regional Resource Center for Asia and the Pacific (RRC.AP) at the Asian Institute of Technology (AIT) gave a brief history of EANET to the attended local press and medias. The Session was highlighted in the Myanmar newspaper "Myanmar Alinn Daily" which briefed the content of the meeting.

The SAC12 was attended by the members of the SAC and/or their alternates from the twelve participating countries of the EANET, namely: Cambodia, China, Indonesia, Japan, Lao PDR, Malaysia, Mongolia, Myanmar, Philippines, Russia, Thailand and Vietnam. An expert from Norwegian Institute for Air Research (NILU), Norway also participated in the event. The SAC12 elected the new 3-year fixed term bureau members taking into account the important tasks on the "Review on the Status of Air Pollution in East Asia".

The Session reviewed several important issues on the EANET, including the Report on the Progress of the EANET since the Eleventh Session of the SAC (SAC11); the Financial Report of the Secretariat and the NC in 2011. The Session also adopted the Data Report of 2011 included data on the wet deposition, dry deposition (air concentration), soil and vegetation, inland aquatic environment and catchment as derived from the monitoring activities carried out by the participating countries in 2011 and submitted to the NC. The report of the Inter-laboratory Comparison Projects 2011 on wet deposition, dry deposition (filter pack method), soil and inland aquatic environment was also presented and adopted. The overview of the Updated National Monitoring Plans of the Participating Countries was made.

The SAC12 also considered the other important items including the reports from the Chairpersons of the Task Force and Expert Group of the Scientific Advisory Committee (SAC); the proposal of the trial of preparing National Monitoring Plans using the draft revised template and the common implementation of sites and laboratory inspections; the future development of the EANET including its Terms of Reference (TOR) for the Working Group on Future Development of the EANET (WGFD) (2013-2015); and the future expansion of the scope of the EANET, relevant scientific activities such as methodologies on air concentration monitoring, joint research projects on model inter-comparison study, QA/QC system of ozone, sulfur dynamics in forest ecosystem, and so on. Results of a recent trend analysis for 40 years of monitoring and ongoing activities of the Co-operative Programme for Monitoring and Evaluation of the Long Range Transmission of Air Pollutants in Europe (EMEP) were also presented. The Session discussed and made recommendations for the consideration of the subsequent IG14 on the EANET which was held on 26-27 November 2012.



Translation

The New Light of Myanmar (name of newspaper) dated 23 November 2012

**Title: The 12<sup>th</sup> Session of Scientific Advisory Committee of the Acid Deposition Monitoring Network in East Asia meeting**

The 12<sup>th</sup> session of Scientific Advisory Committee (SAC12) of the Acid Deposition Monitoring Network in East Asia held by EANET member countries according to the United Nation Environment Programme UNEP (EANET) at Yangon city Hotel, Yangon.

The discussions were made on the records and databases of the acid deposition and air pollution gases that produced acid in the atmosphere. Data Researches and laboratories of each country were also discussed.

Myanmar has become an EANET member country since 2005 and has been doing research on rain water and the amount of iron found in that rainwater from the data delivered by Meteorology Stations around the country. The meeting had been held till 24<sup>th</sup> of November.

**The Fourteenth Session of the Intergovernmental Meeting (IG14) on the EANET**

The Fourteenth Session of the Intergovernmental Meeting (IG14) on the EANET was held in Yangon, Myanmar on 26 - 27 November 2012. The event was organized by the Secretariat (RRC.AP) and the Network Center (NC/ACAP) for the EANET and hosted by the Government of Myanmar. The representatives of the twelve participating countries, namely Cambodia, China, Indonesia, Japan, Lao PDR, Malaysia, Mongolia, Union of Myanmar, Philippines, Russia, Thailand and Vietnam participated in the Session. Some experts from the Kanazawa University, Norwegian Institute for Air Research (NILU)/Chemical Coordinating Center (CCC) of Co-operative Programme for Monitoring and Evaluation of the Long Range Transmission of Air Pollutants in Europe (EMEP), and United Nations Environmental Programme (UNEP) also attended the Session.

His Excellency U Nyan Htun Aung, the Union Minister for Ministry of Transport, Republic of the Union of Myanmar delivered the welcome and opening address and expressed the great honor and pleasure to host the IG14 on the EANET. Dr. Jonathan Shaw, Deputy Director of the Regional Resource Centre for Asia and the Pacific (RRC.AP) delivered the opening remarks on behalf



**Opening of the Fourteenth Session of the Intergovernmental Meeting (IG14) on the EANET on 26-27 November 2012, in Yangon Myanmar**

of the Secretariat and Dr. Supat Wangwongwatana, Coordinator of the Secretariat for the EANET, gave a brief history of the EANET. About 20 media and press people attended the opening session and had reported the program information and collaboration on Myanmar TV primetime news reports of 26 November 2012.

The Session considered and discussed several important issues on the EANET i.e. the Draft Report on the Progress of the EANET since the Thirteenth Session of the IG (IG13), the Draft Financial Report of the Secretariat and the

NC in 2011, the Draft Report on the Review of the Performance of the Secretariat and the NC (2010-2011), the Outcomes of SAC12, the Implementation of the Instrument for Strengthening the EANET, the Draft Resolution on the Encouragement of the Participating Countries of the EANET to sign and effectively implement the Instrument, Future Development of the EANET, the draft Terms of Reference for the Working Group on Future Development of the EANET (2013-2015), the Future Expansion of the Scope of the EANET, Draft Revised Guidelines on Administrative and Financial Management for the Secretariat and the NC, Draft Work Program and Budget of the EANET for 2013.

The updates on Activities of Other International Programs on Acid Deposition and Transboundary i.e. activities ongoing under the Convention on Long-range Transboundary Air Pollution of relevance for the EANET, updated information on the progress in the implementation of Atmospheric Brown Clouds (ABC) programme and air pollution networks, the Asian Co-benefits Partnership (ACP) and its work plan emphasis on Short Lived Climate Forcers (SLCF) and the Proposal on an Asia Science Panel on Air Quality” (ASPAQ) were also presented.

**Capacity Building Activities/EANET Individual Training Course in 2012**

The Second EANET Individual Training Course in 2012 at the Network Center (NC) was implemented from 10 through 21 December 2012 taking the situation in participating countries into account. Although the course was originally planned early 2013, taking into account the weather condition of the winter in Niigata, Japan, it was implemented in December 2012. One trainee each from Malaysia, Mongolia, Russia and Vietnam was invited for the program. The trainees received training on wet deposition, dry deposition, soil/vegetation and inland aquatic environment monitoring, and data management for two weeks.



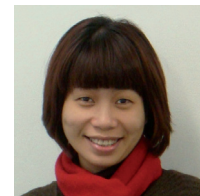
**Ms. Lim, Malaysia**



**Ms. Davaasuren, Mongolia**



**Ms. Elena, Russia**



**Ms. Nguyen, Vietnam**

**EANET Fellowship Research in 2012**

In July 2012, the NC sent a letter to the NFPs and the SAC members inviting applicants for the research fellowship in 2012. The deadline of the application was 12 August 2012. In response to the invitation letter, the NC received 7 applications from 7 countries namely Cambodia, China, Lao PDR, Mongolia, Myanmar, Russia and Thailand. The Selection Committee of the NC considered the proposed research plans submitted by the applicants and decided to invite two researchers from China and Thailand. Duration of the fellowship research in 2012 in the ACAP was for approximately two months, from 15 October through 7 December 2012. Ultimately the researcher from Thailand has attended the fellowship research in 2012. The research topic of the researcher from Thailand, Mr. Ittipol Paw-Armart, was “Comparison of aerosol and rainwater composition in urban and rural areas and their relationship to emission characteristics in Thailand”. Fellowship research of him was finished successfully. The scientific report is expected to be submitted to the NC within a few months.



**Mr. Ittipol Paw-Armart, Thailand**

## Announcements



### New staff

Ms. Suwimol Wattana-wiroon has recently joined the Acid Deposition Monitoring Network (EANET) Secretariat since September 2012 as a new Programme Officer replacing the completed term of the former programme officer. The recruitment process had followed the Recruitment Procedures and Personnel Management Policy for the Secretariat under the Guidelines on Administrative and Financial Management for the Secretariat and the Network Center presented to the IG2, IG3 and IG8. Prior to joining the EANET, she had done the Master dissertation in mobile source receptor modeling using chemical mass balance at the University of Illinois in Chicago (USA) and her related working experience was in the area of air pollution from point sources and emission inventory; project management, environmental communications and international cooperation.

## Call for Submission of research reports for the EANET Science Bulletin (Volume 3)

In line with the Work Program and Budget of the EANET in 2013 approved at the IG14 in November 2012, the NC invites the participating countries to submit relevant research reports of scientists for the EANET Science Bulletin (Vol. 3) by 31st July 2013. The research reports should be submitted to the NC (Asia Center for Air Pollution Research (ACAP)) through the NFPs or SAC members, and should utilize the EANET data or have close relationship with activities of the EANET. The draft EANET Science Bulletin will be submitted to the SAC13 to be held in autumn 2013 for its approval.

## Upcoming EANET Events/Activities in 2013

Events/Activities	Dates	Venue, etc.
First Meeting of the Reviewing Committee (RC) on the Status of Air Pollution in East Asia	4 February 2013	Niigata, Japan
Public Awareness Promotion Program	March – April 2013	Participating Country
Deadline for submission of the EANET 2012 monitoring data	End of June 2013	to the Network Center
Second Meeting of the Reviewing Committee (RC) on the Status of Air Pollution in East Asia	June/July 2013	Niigata, Japan
Deadline for submission of research reports for the EANET Science Bulletin (Volume 3)	End of July 2013	to the Network Center
Third Meeting of the Expert Group on Preparation of Technical Manual for Air Concentration Monitoring (EGACM3)	July/August 2013	Niigata, Japan
Fourteenth Senior Technical Managers' Meeting (STM14)	July/August 2013	Participating Country
EANET Fellowship Research	September-December 2013 (2 months)	Niigata, Japan
Sixth Meeting on Task Force on Research Coordination (TFRC6)	End of September 2013	Participating Country
Thirteenth Session of the Scientific Advisory Committee (SAC13)	End of September 2013	Participating Country
Twelfth Session of the Working Group on Future Development of the EANET (WGFD12)	October 2013	Participating Country
Fifteenth Session of the Intergovernmental Meeting (IG15)	November/December 2013	Participating Country
EANET Individual Training Course in 2013	December 2013	Niigata, Japan

Secretariat	Network Center
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