

EANET NEWSLETTER



ACID DEPOSITION MONITORING NETWORK IN EAST ASIA



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CELEBRATING 20 YEARS OF REGIONAL COOPERATION

In 2021, the EANET continued to implement the Decision of IG22 regarding the expansion of the scope of the EANET to allow the Network to work on wider air pollution issues.

In November 2021, in a landmark decision, 20 years after the official establishment of the Network, the IG23 has adopted the text of the Supplementary Document (Annex) to the Instrument for Strengthening the Acid Deposition Monitoring Network in East Asia.

In parallel, the Network continued to implement its monitoring and research activities, capacity building, and public awareness events as presented in this issue of the EANET Newsletter.

Curious about what took place in the past months? Discover more inside!



*By Tomi Haryadi
Coordinator, Secretariat for the EANET*

What a great year, 2021 is!

In a couple of weeks, we will be at the end of 2021. At this point, we can be proud by saying that 2021 has been a fantastic year for EANET. We have ended the 23rd Session of Intergovernmental Meeting of EANET (IG23) with a landmark decision by adopting the text of the Supplementary Document (Annex) to the Instrument for Strengthening the Acid Deposition Monitoring Network in East Asia, indicating the expanded scope of EANET to tackle wider air pollution problems.

In addition, IG23 also approved another important document, the EANET Project Fund and Project Guideline, that will guide the Network to collaborate with partners, attract funding, and, most importantly, magnify its activities' impact.

The discussions regarding the possibility for the EANET to tackle wider air pollution issues beyond acid deposition have occurred in the last few years. The Participating Countries considered that EANET has significantly contributed to a better state of acid deposition in the region.

For that reason, EANET was considered to play a greater role in tackling wider air pollution. After several discussions and consultation meetings, the 22nd Session of the Intergovernmental Meeting of EANET (IG22) in November 2020 decided to allow the EANET to work on wider air pollution issues with the detailed expansion of scope further discussed and decided in 2021.

Through the various discussions in 2021, the Participating Countries finally adopted the Supplementary Document (Annex) text at IG23.

Right after IG23 last November, we also had the opportunity to invite EANET experts, friends, and partners to the Twentieth Anniversary of EANET and the Science and Policy Dialogue. During those events, we reminisced 20 years of EANET's presence among us, celebrated the Network's achievements this far, and at the same time, exchanged ideas on what's next for EANET in the future.

The panelists of the Science and Policy Dialogue welcomed the expansion of the scope of EANET as timely and strategic, including EANET's new role in tackling wider air pollution issues. Some of the key takeaways from the panel discussion are worth noting, such as the importance of optimizing the use of science in the policymaking process, determining the role of different stakeholders involved, and creating synergy among science, stakeholders, and funding.

Next year, EANET will begin to prepare the implementation of its project activities by following the EANET Project Fund and Project Guideline. By then, EANET could already start to reach out to other organizations to review and share opportunities for collaboration and increase the reach of its actions.





The Twenty-third Session of the Intergovernmental Meeting on the Acid Deposition Monitoring Network in East Asia



The Twenty-third Session of the Intergovernmental Meeting on the Acid Deposition Monitoring Network in East Asia (IG23) took place from 24 to 25 November 2021, virtually, and gathered over 70 representatives of the EANET Participating Countries, Secretariat, and Network Center for the EANET, to make important decisions on the expansion of the scope of the EANET, among other topics.

Chaired by Japan and co-chaired by Malaysia and Viet Nam, the IG23 started with the Opening Remarks from H.E. Mr. Yutaka Shoda, Vice-Minister, Ministry of the Environment, Japan, followed by Opening Remarks by Dr. Dechen Tsering, Regional Director, United Nations Environment Programme for Asia & the Pacific, and by Dr. Shiro Hatakeyama, Director General, Asia Center for Air Pollution Research.

Following the Decision of the Twenty-second Session of the Intergovernmental Meeting (IG22), held in November 2020, the EANET Participating Countries' representatives have been working relentlessly on the process to expand the scope of the EANET, from acid deposition to also include a wider scope of atmospheric environment-related substances.

This historical progress required the EANET to develop a supplementary document text to the EANET Instrument, to define the scope of expansion and the target substances to be included in the EANET activities.

In a landmark decision, 20 years after the establishment of the Network, the IG23 has adopted the text of the Supplementary Document (Annex) to the Instrument for Strengthening the Acid Deposition Monitoring Network in East Asia.

The EANET Project Fund and Project Guideline, a new financial mechanism allowing EANET to build co-financed projects with partners in the region and beyond, has also been approved by the IG23.

In addition to these major decisions, the IG23 has also approved several important documents, including the Work Program and Budget of the EANET in 2022, and the Summary of the Twentieth Anniversary of the EANET providing an easy-to-understand message, reflecting the achievements of the EANET over the past 20 years, and targeting policymakers, the general public, and various organizations that may be expected to become EANET partners in the near future.

As an important way forward for 2022, the EANET Participating Countries and partner organizations will be invited to start preparing and submitting project proposals for the pilot implementation of new EANET projects, in line with the EANET Project Fund and Project Guideline.

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The Twenty-first Session of the Scientific Advisory Committee on the Acid Deposition Monitoring Network in East Asia

The Scientific Advisory Committee (SAC) of the Acid Deposition Monitoring Network in East Asia (EANET) held its Twenty-first Session of the SAC (SAC21) Meeting from 26–28 October 2021, to discuss scientific and technical matters related to the EANET activities.

The Session was organized virtually by the Secretariat and the Network Center (NC) for the EANET. Over 60 members of the SAC and/or their representatives from the Participating Countries of the EANET joined the meeting.

Scientists from the NC presented the results from activities of acid deposition monitoring, based on data provided by the EANET Participating Countries and retrieved from their national monitoring sites for 2020.

The Draft EANET Data Report 2020 was adopted by the Session, showcasing different results and trends in the region in 2020. In addition, the Draft Report on the Inter-laboratory Comparison (ILC) Projects 2020 was also adopted and it showed that most samples submitted by the participating laboratories met the Data Quality Objective (DQO) of EANET.

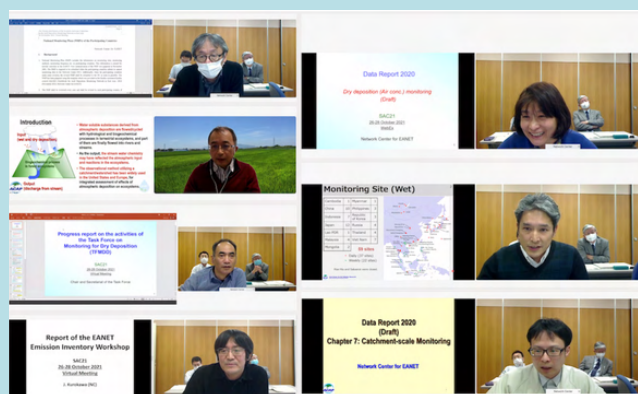
The NC presented an overview of the National Monitoring Plans of the Participating Countries for 2021, based on the submissions during and after the Twenty-second Senior Technical Managers' Meeting (STM22) of the EANET.

As part of the ongoing process of expansion of the scope of the EANET, as decided by the IG22, the SAC21 members were also invited to share their comments, from the scientific viewpoint, on the draft Annex to the EANET Instrument, for consideration and approval at the IG23 of EANET, in November 2021.

Other important administrative documents and publications such as the Summary of the Twentieth Anniversary of the EANET and the Draft Fourth Periodic Report on the State of Acid Deposition in East Asia (PRSAD4) were also discussed during the SAC21.

[EANET Data Reports](#) can be accessed on EANET's website.

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The Twenty-second Senior Technical Managers' Meeting of the Acid Deposition Monitoring Network in East Asia

The Twenty-second Senior Technical Managers' Meeting (STM22) of the Acid Deposition Monitoring Network in East Asia (EANET) was held online on 1 and 2 September 2021, gathering over 40 senior technical officials from the 13 EANET Participating Countries to discuss the status of the EANET monitoring activities.

Dr. Shiro Hatakeyama, Director General, Asia Center for Air Pollution Research (ACAP), delivered the Opening Remarks, followed by Welcome Remarks by Mr. Tomi Haryadi, Coordinator, Secretariat for the EANET.

After presenting the progress of EANET activities in 2020 since STM21, the Network Center for the EANET (NC) shared the results of various important reports on acid deposition and related substances monitoring activities. STM22 participants were invited to discuss and share important knowledge and experience to collectively review these draft reports and publications.

The NC presented the Preliminary Draft Data Report 2020. This report focuses on wet deposition, dry deposition (air concentration), soil and vegetation, inland aquatic environment, and catchment-scale monitoring. It includes a summary of the monitoring data in 2020 and related information submitted by the Participating Countries.

The NC also introduced the preliminary draft Report on the Inter-laboratory Comparison Projects in 2020 for wet deposition, dry deposition (filter pack method), soil, and inland aquatic environment.

In line with previous STM meetings' process, representatives of the Participating Countries presented their National Monitoring Plans (NMPs) and current EANET activities, including monitoring capacities, technical challenges, and future plans, while focusing on the general improvement of the activities of the EANET. Other important matters were also discussed, including the progress on the Revision of the Technical Manuals for Dry Deposition Flux Estimation and Air Concentration Monitoring.

Dr. Erdenebat Eldev-Ochir, Deputy Director General, ACAP, delivered the Closing Remarks. He expressed his great appreciation for the improvement of the data quality due to the efforts of the Participating Countries. He highlighted that, despite the COVID-19 pandemic, the EANET has been continuously strengthening the capacity of the Participating Countries through online training, research fellowship, public awareness workshops, and joint research.

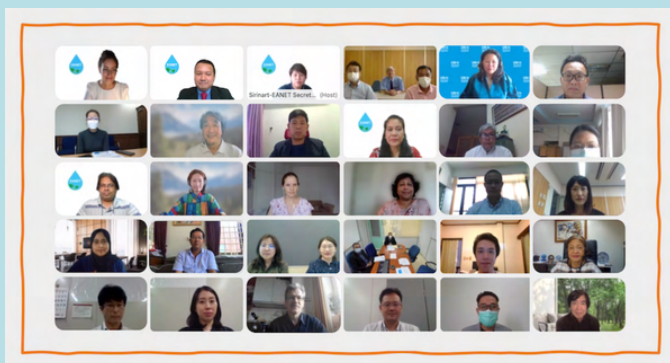
Find out more and [access EANET monitoring data](#).

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The Working Group Meeting in 2021 Session 2



The Working Group Meeting in 2021 Session 2 (WG2021-2) took place from 18 to 20 August 2021, virtually, and gathered over 70 representatives of the EANET Participating Countries, Secretariat and Network Center for the EANET, to discuss the process of expansion of the scope of the EANET, among other important topics.

Following the decision of the 22nd Intergovernmental Meeting (IG22) held in November 2020, the WG2021-2 was organized in the continuity of the WG2021-1 that took place in April 2021.

Co-chaired by Thailand and by the Philippines, the session started with Welcome Remarks from Dr. Dechen Tsering, Regional Director, United Nations Environment Programme for Asia & the Pacific, followed by Opening Remarks by Dr. Shiro Hatakeyama, Director General, Asia Center for Air Pollution Research.

Participants discussed their views and ideas on the development of a Draft text of the Supplementary Document to EANET Instrument, in the form of an Annex. Several items of the draft text were discussed, allowing Participating Countries to share suggestions and comments on how to best reflect the Network's intention regarding future activities in the Region.

Other important topics, such as the Project Fund and Project Guideline and the Work Programme and Budget for the EANET in 2022, among others, were also discussed.

The meeting's Closing remarks were provided by Dr. Isabelle Louis, Deputy Regional Director, United Nations Environment Programme for Asia & the Pacific, and by Dr. Erdenebat, ACAP's Deputy Director-General. As Dr. Erdenebat's role as Deputy Director-General is coming to an end, he thanked all Participating Countries and colleagues from the Secretariat and the NC for their constant support.



Given the importance of the task assigned to them, Representatives from the EANET Participating Countries have agreed to meet again for a continued WG2021 Session 2 before IG23 in November 2021.

Discover the virtual meeting's pictures [on Flickr](#).

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The EANET's Twentieth Anniversary



The EANET 20th Anniversary was organized online, alongside the Science & Policy Dialogue, on Friday 26th of November 2021, gathering over one hundred participants from 30 countries, to discuss better air quality for all.

Established in 2001 as an intergovernmental network to create a common understanding on the status of acid deposition in East Asia, the Acid Deposition Monitoring Network in East Asia (EANET) celebrated in 2021 its twenty years of successful inter-regional cooperation and activities.

The EANET's 20th Anniversary celebration was hosted by the Ministry of the Environment, Japan, and H.E. Mr. Yutaka Shoda, the Vice-Minister from the Ministry of Environment, Japan, opened the celebrations by delivering the Opening Remarks. Dr. Dechen Tsering, Regional Director and Representative, UN Environment Programme for Asia and the Pacific shared the event's Welcome Remarks, followed by Congratulatory Remarks from the EANET National Focal Points from Malaysia, Thailand, and China.

These were shared by Mr. Jamalulail bin Abu Bakar, Undersecretary, Environmental Management Division, Ministry of Environment and Water, Malaysia; Ms. Siwaporn Rungsiyanon, Director of the Transboundary Air Pollution Subdivision, Air Quality and Noise Management Division, Pollution Control Department, Ministry of Natural Resources and Environment, Thailand and by Mr. Zhou Jun, Director, Division of Asian, African and Latin American Affairs, Department of International Cooperation, Ministry of Ecology and Environment, China.

To close the celebrations, Mr. Mohan Kumar Sammathuria, Principal Assistant Director of the Atmospheric Sciences, and Cloud Seeding Division, Malaysian Meteorological Department, Ministry of Environment and Water, Malaysia, and the Chairperson of the EANET Scientific Advisory Committee for 2021-2023, presented the newly launched publication "Summary of the Twentieth Anniversary of the EANET".

The Summary of the Twentieth Anniversary of the EANET, endorsed by the IG23, has been prepared based on the data accumulated in the past twenty years of activity of the EANET. It aims at providing a common understanding of the status of acid deposition in East Asia in an easily understandable manner. In addition, it may serve as an important document for policymakers, students, civil society, and various organizations that may become EANET partners soon.

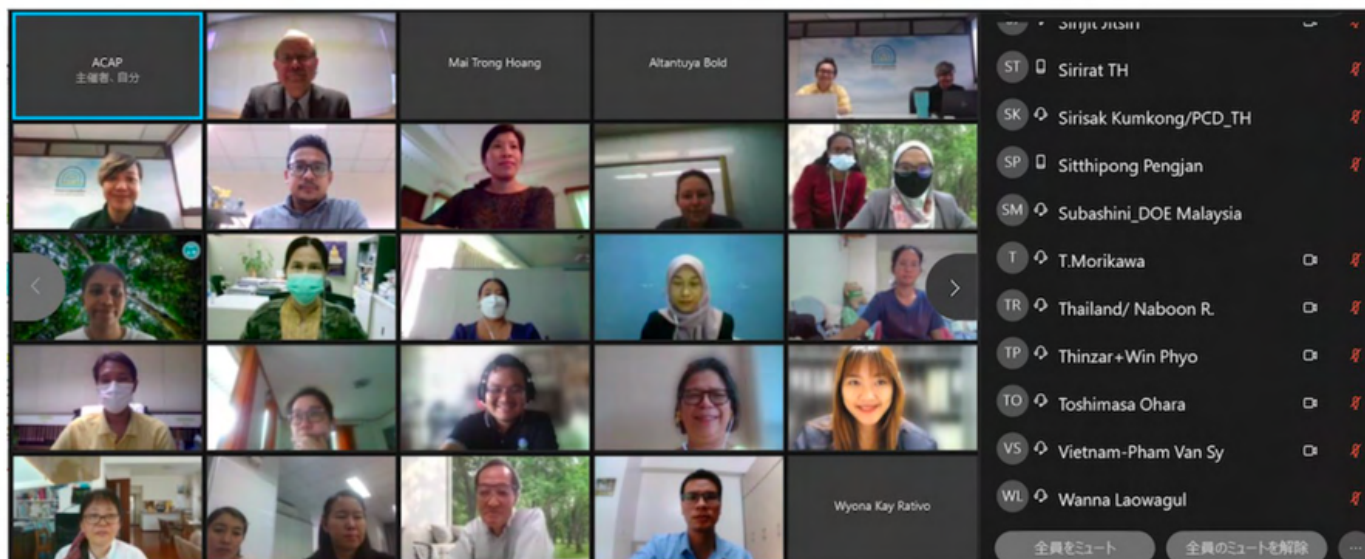
Useful Resources

- [Download the Summary of the Twentieth Anniversary of the EANET](#)
- View all the event's videos on the [Secretariat for the EANET's YouTube channel](#) and photos on [Flickr](#).

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The EANET Emission Inventory Workshop in 2021



The Asia Center for Air Pollution Research (ACAP), the Network Center (NC) for the EANET, organized the EANET Emission Inventory Workshop on 18 October 2021, gathering over 50 participants from 9 countries, to develop regional air quality management skills.

To tackle atmospheric environment problems, it is essential to understand the status of air pollutants' emissions and consider mitigation measures' effectiveness.

The emission inventory is an essential tool to obtain such information and to build appropriate atmospheric environmental policies.

The objectives of the EANET Emission Inventory Workshop were to understand the role of an

Through discussions among lecturers and participants, the event aimed to enhance participants' knowledge and encourage the development of national emission inventories.

In conclusion, participants emphasized the usefulness of such capacity-building activities and noted that it could be interesting, in the future, to focus the workshop's content on regional specificities.

Participants also highlighted that both technical (such as providing guidelines) and financial aspects are necessary for conducting emission inventory activities. Taking these observations into account, it may be interesting to focus EANET's future activities on this demand.

Furthermore, the participants pointed out the

预览已结束，完整报告链接和二维码如下：

https://www.yunbaogao.cn/report/index/report?reportId=5_13494

