

The Working Group Meeting Session 2 on Drafting Medium Term Plan for the EANET (2021-2025) and Reviewing the Scope of Instrument for the EANET
Acid Deposition Monitoring Network in East Asia
20-22 October 2020, Virtual Meeting

CONSIDERATION OF IMPROVEMENT OF THE EANET REPORTS

I. INTRODUCTION

1. The Acid Deposition Monitoring Network in East Asia (EANET) has gained international recognition for its success in promoting regional cooperation on acid deposition monitoring in East Asia and facilitating inter-regional exchange on data measurement and assessments of the state of acid deposition. Besides conducting technical acid deposition monitoring, EANET also implements awareness activities to promote a common understanding of the state of acid deposition and air pollution problems. To help raise awareness, the EANET periodically publishes five reports targeting scientists and a general audience. The publications, among others, are the Periodic Report on the State of Acid Deposition in East Asia (PRSAD), the Report for Policy Makers (RPM), EANET Country Fact sheets, the EANET Science Bulletin, the Data Report, and the Report of the Inter-laboratory Comparison Project.
2. The PRSAD, a landmark publication of the EANET, is published every five years. The target audience of this publication is government officials, researchers, and the general public. The objectives of issuing the PRSAD is to provide rigorous information to the international community on long-term trends and regional distribution of acid deposition and air pollution in East Asia. Up to today, PRSAD has been cited by 12 different international journals and 6 Japanese journals.
3. The EANET develops the RPM every four or five years to help the EANET Participating Countries' policymakers access scientific-based recommendations tailored for the decision-making process. In making such recommendations specifically for policymakers, the report makes use of other relevant updated reports produced by the EANET, such as the Third Periodic Report on the State of Acid Deposition in East Asia. In each edition, the Report for Policy Makers highlights a specific issue considered crucial to be shared with policymakers in the region. In the latest edition, the fourth edition, the report is focusing

on efforts to create synergy through closer collaboration, partnership, and global initiatives to tackle air pollution problems in the region and beyond. The latest RPM4 was launched during the IG21 in Beijing, China, in November 2019.

4. The EANET publishes the Data Report and Report of the Inter-laboratory Comparison Projects annually. The report contains aggregated data collected from acid deposition monitoring sites from 13 EANET Participating Countries. The Data Report and the Report of the Inter-laboratory Comparison Project provides compiled data from the EANET's monitoring sites as a reference for government officials and researchers to review and improve analysis' accuracy, targeting managers and persons in charge of scientific analysis in the respective institutions. In 2019, the Data report was downloaded 12,300 times, and the Report of the Inter-laboratory Comparison Project was downloaded 1,962 times.
5. In 2020, the EANET released the updated versions of 13 Participating Countries' fact sheets and the summary of the fact sheets, focusing on policies and practices related to acid deposition in the countries. The fact sheets provide standardized information on the countries' current situation and progress in relation to acid deposition and air pollution, main pollution sources and trends, country's site information, monitoring highlights, awareness activities, and country's future plans for the EANET.
6. The EANET continuously releases the Science Bulletin every three years since 2008. This publication aims to encourage research activities within the EANET region. The issuance of the Science Bulletin is closely related to the EANET's annual Research Fellowship Programme. Upon completion of each fellowship programme, the fellows have the opportunity to submit their research papers to be included in the EANET Science Bulletin. In July 2020, EANET released the Science Bulletin Volume 5 containing the EANET fellows' research papers from 2016 to 2018. With consideration of environmental friendliness and cost efficiency, it is proposed that in the future, EANET Science Bulletin will be issued in the electronic version only and available on the EANET website.

II. CONSIDERATION OF IMPROVEMENT OF THE EANET REPORTS

7. The Working Group Meeting Session 2 is invited to review the objectives and necessity of

each EANET reports and discuss whether, in the next MTP (2021-2025), the EANET will continue to publish its key reports, among others the PRSAD, RPM, EANET Science Bulletin, EANET Data Report and the Report of the Inter-laboratory Comparison Project, and Fact sheets. The session is also invited to discuss the reports and publications on strengthening the awareness activities of the EANET and supporting its goal to achieve its objective in promoting a common understanding of the state of acid deposition and air pollution problems.

8. To improve the reports' quality and meet the Participating Countries' needs on the reports mentioned above, the Secretariat and the NC proposed the Consideration of Improvement of the EANET Reports at the SAC 20 meeting. During the SAC20, the discussion from the technical and scientific viewpoints was held among the SAC20 members, and “Recommendations from SAC20 to IG22” was adopted (see EANET/WGS2 2/4/6).
9. Annex. Consideration of Improvement of EANET Reports below presents the objective of the reports, contents, usage/ citations, and proposed improvements.

II. ACTIONS REQUIRED

10. The Working Group Meeting Session 2 on Drafting MTP for the EANET (2021-2025) and Reviewing the Scope of Instrument for the EANET is invited to review the EANET Reports and may wish to consider, discuss, provide guidance, and make recommendations to the IG22 for its review, guidance, and approval.

ANNEX. CONSIDERATION OF IMPROVEMENT OF EANET REPORTS

Title of the Report	Objectives (Targets and Aims)	Contents	Usage and citation/number of downloads	Publication interval	Proposed Improvements
Periodic Report on the State of Acid Deposition in East Asia (PRSAD)	<p>Targets: Government officials, researchers, and the general public in the Participating Countries</p> <p>Aims: To provide information to the international community on long-term trends and regional distribution etc. of air pollution in East Asia</p>	<ul style="list-style-type: none"> Comprehensive scientific assessment report explaining the results of EANET's monitoring activities. The analysis period is 4 years in the past and 20 years this time. 	<p>The state of acid deposition and air pollution in the Participating Countries is disclosed to the public. The summary version for policymakers contributes to the environmental administration of the Participating Countries.</p> <p>[Citation] International Journal: 12 Japanese Journal: 6</p>	<p>The report has been published every five years since 2006 (2nd: 2011, 3rd: 2016). The fourth report is under preparation.</p>	<ul style="list-style-type: none"> Provide easy-to-understand summary Advertising using other frameworks Enrich the content and make it easy to understand (Japan's suggestion)
Report for Policy Makers (RPM)	<p>Targets: Policymakers and the general public</p> <p>Aims: To help policymakers of the</p>	<ul style="list-style-type: none"> "Goals, Achievements and Way Forward" "Clean Air For a Sustainable 	<p>Distributed to the Participating Countries</p>	<p>Every four/five years</p>	<ul style="list-style-type: none"> The linkages should be made more relevant with the current issues The issuance of the report should be

	EANET Participating Countries in accessing scientific based recommendations during the decision-making process	<p>Future”</p> <ul style="list-style-type: none"> • “EANET and Clean Air for Sustainable Development” • “Towards Clean Air for Sustainable Future in East Asia through Collaborative Activities” 			<p>promoted more widely in order to gain attention from different stakeholders</p> <ul style="list-style-type: none"> • To consider integrate it with PRSAD (Japan’s suggestion)
Fact Sheet	<p><u>Targets:</u> Policymakers, general audience, and researchers</p> <p><u>Aims:</u> Providing information so that the situation and measures of each EANET country can be applied to their own policies</p>	Summarized "Efforts of Each Country on Measures for Acid Deposition and Their Achievements"	Distributed to the Participating Countries	<ul style="list-style-type: none"> • Irregular. • Latest version was released April 2020. 	<ul style="list-style-type: none"> • To be updated regularly in every 5 years (in each new MTP cycle). • To consider integrate it with PRSAD (Japan’s suggestion)
EANET Science Bulletin	<p><u>Targets:</u> Researcher</p> <p><u>Aims:</u> To encourage</p>	Promote EANET research activities and	Distributed to the Participating Countries	Every 3 years since 2008	<ul style="list-style-type: none"> • To be available in electronic version only

	research activities within the EANET region	share the results with Participating Countries	[Citation] International Journal: 8		(not printed) for environment and cost-efficient reason. <ul style="list-style-type: none"> To substitute by posting research content summary and obtained achievements on the website (Japan's suggestion)
Data Report	<p><u>Targets:</u> researchers and government officials.</p> <p><u>Aims:</u> To provide and share the monitoring data to governmental officers and researchers in Participating Countries</p>	Report of EANET monitoring data (Monthly and annual average, temporal trends, etc.)	<p>Distributed to the Participating Countries</p> <p>[Citation] International Journal: 23</p> <p>[Number of downloads] (2019JFY): 12,300</p>	Every year	<ul style="list-style-type: none"> Number of printed materials is reduced because it can be downloaded from the website. Since no figures are showing long-term trends other than precipitation pH, consider preparing similar figures for gas and particle concentrations.
Report of the Inter-laboratory Comparison	<u>Targets:</u> researchers and government	Report on the results of the Inter-laboratory	Distributed to the Participating Countries	Every year	To provide clearer analysis particularly on the

Project	officials. <u>Aims:</u> To provide compiled data from the EANET's monitoring sites as a reference for government officials, as well as researchers to review and improve analysis accuracy, targeting managers and persons in charge of analysis in the respective institutions	comparison project of precipitation, gas, inland water, and soil in which laboratories in EANET countries participate	[Number of downloads] (2019JFY): 1,962		relationship between the years of experience of the analysts and the accuracy of the data (which is currently omitted) it is possible to visualize the accuracy between institutions by comparing the total number of abnormal data for each institution.
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