The Working Group Meeting in 2021 Session 2 (WG2021-2) Acid Deposition Monitoring Network in East Asia 18-20 August 2021, Virtual Meeting

### **REPORT OF THE SESSION**

#### I. INTRODUCTION

- 1. The Working Group Meeting in 2021 Session 2 (WG2021-2) of the Acid Deposition Monitoring Network in East Asia (EANET) was organized virtually during 18-20 August 2021.
- 2 Representatives of the Participating Countries, namely Cambodia, China, Indonesia, Japan, Lao PDR, Malaysia, Mongolia, Myanmar, Philippines, Republic of Korea, Russia, Thailand, and Viet Nam, participated in the meeting. Representatives of the United Nations Environment Programme (UNEP); the Secretariat and Asia Center for Air Pollution Research (ACAP), the Network Center (NC) for the EANET; Regional Resource Center for Asia and the Pacific, Asian Institute of Technology (RRC.AP/AIT) attended the meeting as well. The List of Participants is attached to this Report as Annex 1.

#### II. OPENING OF THE SESSION (AGENDA ITEM 1)

- 3. Mr. Tomi Haryadi, Coordinator of the Secretariat for the EANET, welcomed all virtual meeting participants and facilitated the opening of the session as well as the election of officers. Subsequently, he invited Dr. Dechen Tsering, Regional Director and Representative, United Nations Environment Programme for Asia & the Pacific, to deliver the Welcome Remarks, and Dr. Shiro Hatakeyama, Director General, Asia Center for Air Pollution Research, to deliver the Opening Remarks.
- 4. In her remarks, Dr. Tsering welcomed all EANET Participating Countries to the Working Group Meeting in 2021 Session 2. She mentioned that the Working Group Meeting in 2021 Session 1, organized last April as a follow-up meeting from the decisions of the IG22, had already led to remarkable efforts to strive for a better environment. She informed that EANET's continuous efforts, in the last 20 years, to create a common understanding of the state of acid deposition in the region and support to SDG's achievements will be reported to the fourth session of the Forum of the Ministers and Environment Authorities of Asia Pacific in October 2021. In conclusion, she congratulated the Representatives of the EANET Participating Countries on their hard work and a strong ambition to improve the region's air quality.
- 5. In delivering the Opening Remarks, Dr. Hatakeyama highlighted the main discussion points, such as the Revision of Draft Text Supplementary Document (Annex) to EANET Instrument and EANET Project Fund and Guidelines, as well as other

relevant matters. He suggested that if the scope expansion is smoothly started with the agreement of each country and the structure of the project fund is completed, the active involvement of each Participating Country in the project will become more important. He also mentioned that global warming and climate change are now the biggest environmental problems, as well as acid deposition. He ended his remarks by wishing all participants a fruitful and productive meeting.

# III. ELECTION OF OFFICERS (AGENDA ITEM 2)

6. The Session elected Ms. Siwaporn Rungsiyanon, Director of Transboundary Air Pollution Subdivision Air Quality and Noise Management Division, Pollution Control Department, Ministry of Natural Resources and Environment, Thailand, as the Chairperson, Ms. Vizminda A. Osorio, Assistant Director, Environmental Management Bureau, Department of Environmental and Natural Resources, the Philippines, as Vice-Chairperson, and Dr. Gantuya Ganbat, Scientific Advisor National Committee on Reducing Environmental Pollution Ministry of Environment and Tourism, Mongolia, as Rapporteur of the WG2021-2.

#### IV. ADOPTION OF THE AGENDA (AGENDA ITEM 3)

7. The Session adopted the Provisional Agenda (EANET/WG2021-2/3/1), Annotated Provisional Agenda (EANET/WG2021-2/3/2), and Program Agenda (EANET/WG2021-2/3/3) of the Session proposed by the Secretariat and the NC.

# V. CONSIDERATION OF THE REVISION OF DRAFT TEXT SUPPLEMENTARY DOCUMENT (ANNEX) TO EANET INSTRUMENT (AGENDA ITEM 4)

- 8. The Secretariat presented the Revision of Draft Text Supplementary Document (Annex) to EANET Instrument (EANET/WG2021-2/4).
- 9. The key points of the presentation included the revision of the Draft Text for Supplementary Document (Annex) to EANET Instrument by following the discussion at the WG2021-1 in April 2021, based on comments of Participating Countries on the draft simplified text of the supplementary document proposed by Japan at the WG2021-1 meeting.
- 10. The Session was invited to review, discuss, make comments, and provide guidance and make recommendations to the Twenty-third Session of the Intergovernmental Meeting (IG23) on the EANET
- 11. The major discussion included:

- i. Japan informed that they had no objection to the draft text for the supplementary document (Annex) to EANET. However, they mentioned that the Preamble might not be necessary to keep the text as simple as possible.
- ii. China firstly shared general comments on draft supplementary document: (i) seeking common ground accepted by all participating countries to gradually expand EANET scope. (ii) avoiding complicated and sensitive issues. (iii) trying to make adjustments based on the original framework of the Instrument to reduce the workload of negotiation. And the specific suggestions from China are as follows:
  - using neutral wordings to avoid any controversy in the definitions.
  - deleting the Preamble to simplify the Annex.
  - replacing the wording "air pollution," which may be interpreted differently in each country, with "atmospheric environmental-related substances".
  - to better define the words "expanded scope".
  - deleting a sentence in Item 2, para 3: funding of the activities under the Annex should be under the decision of the IG (and delete the rest of the sentence).
  - deleting the CH<sub>4</sub>, black carbon since they are covered in other international conventions.
  - not to include PM (chemical component, inorganic ions, metallic elements and organic aerosols) and NMVOC that lack monitoring capacity at present from items 4 and 5 in the Attachment table, but capacity building activities including monitoring methodology research can be conducted.
  - adding Dust and Sand Storm (DSS) as an additional target substance in the Attachment.
  - increasing capacity building activities from which PCs can truly benefit from the practical cooperation including experience sharing, clean air technology exchange and transfer and pilot projects.
  - for items 6 (Research Activities) in the Attachment table, for the current stage, China suggested focusing on areas that are acceptable to all participating countries or having the most common understanding.
- iii. UNEP legal expert informed all participants that while the Preamble is not binding, it is nevertheless very useful to provide context on the intent behind the Annex. He also explained that Item 1 serves to define the concepts and terminology in the Annex. The definition of air pollution is based on the current definition used in international law. It is up to the Participating Countries to replace it with other scientific terms such as "atmospheric environmental-related substances". In addition, he informed that concerning the DSS, this terminology would need to be defined in Item1 as well.
- iv. Some countries reaffirmed their strong will to avoid making changes to the Instrument as this is in line with the Decisions of IG22.
- v. It was suggested to include DSS in the PM activities as DSS is not a substance but a phenomenon.

- vi. It was requested to provide a clear explanation regarding the meaning of "partly" in the Attachment table proposed by China.
- vii. Viet Nam reaffirmed the importance of including a Preamble to the Annex.
- vi. Following the comments/ proposal text submitted by China at the Meeting and the Session's request to gather comments on the proposal, the Secretariat prepared and presented the consolidated comments of Participating Countries and UNEP's Law Division on China's comments to the proposal of China. Following the presentation of the Secretariat on consolidated comments, several comments made by the Participating Countries, among others:

#### - On the Preamble:

- It was suggested focusing the discussion on the opinions of Countries on the Preamble and the choice of the terminology, either "air pollution" or "atmospheric environmental-related substances" or any other terminology.
- It was suggested to delete the Preamble to avoid complex negotiation on the Preamble text.
- Japan informed that their position was flexible to accommodate any Participating Countries' opinions and proposed a short version of the Preamble.
- Several countries informed their will to keep a Preamble, preferably in a short version, to describe the aim of the Annex, in particular to audiences outside of the EANET, and define the selected terminology (atmospheric environmental-related substances or air pollution).

#### On Item 1:

- It was suggested avoiding any definition of air pollution since the scope would be defined instead by the list of substances in the Annex's Attachment.
- Several countries expressed the need to define the terminology proposed by China in its draft Annex, the "atmospheric environmentalrelated substances", as it may be clear to scientists but confusing for policy-makers or the general public.
- O It was suggested to modify para 4 in item 4 by specifying what air pollution means "in this Annex" in order not to impact any countries' position. In addition, it was explained that the expanded scope would not be defined by the terminology air pollution but by the substances in the Attachment.
- o It was informed that the terminology atmospheric environmentalrelated substances is neutral and flexible and could include broader substances such as Green House Gases (GHGs) in future, if possible.
- UNEP Legal Expert reminded all meeting participants that the wordings "air pollution" has been mentioned in the Decision of IG22.
   Consequently, it is recommended to use it in the Annex. Nevertheless, its definition would only be applied to the Annex.

o It was suggested using the terminology "atmospheric pollution".

#### - On Item 2:

o No comments.

#### On Item 3:

- In Item 3, para 1, it was proposed to keep "should include" instead of "shall be replaced" as countries expressed a consensus on refusing to modify the Instrument.
- It was recommended to keep the Annex as simple as possible because the substances and activities would be discussed each year at the IG based on the consensus, while another country suggested setting clear boundaries to the Annex to avoid complicated discussions in the future.
- It was informed that the Secretariat would prepare a third revision of the Draft after the meeting by reflected all comments by Participating Countries, and later the fourth version to be submitted to IG.

#### - On Item 4:

- Several countries suggested removing the reference to the MTP and replacing it with "periodic evaluation" as a generic terminology.
- Several countries expressed their concerns over the proposal from China to remove activities in the Attachment related to Particulate Matter (item 4 and 5) as these are already monitored actively.
- The NC clarified that the PM, NO, NO2 and NOx were already current EANET activities, as the original Annex was shared with the Meeting.
- The Republic of Korea expressed interest in adding DSS activities and informed that they had a solid and long experience working on this issue.
- It was clarified that in the Attachment, the monitoring of CO, MNVOC, CH4 is relevant as these substances are the precursors of ozone, and Black carbon is an important component of PM. CO is also a harmful substance of which the environmental standard was established in many countries.
- 12. The Chairperson thanked participants for their comments, guidance, recommendations, and closed Agenda item 4.

# VI. CONSIDERATION OF EANET PROJECT FUND AND PROJECT GUIDELINE (AGENDA ITEM 5)

- 13. The Secretariat and the NC presented the EANET Project Fund and Project Guideline (EANET/WG2021-2/5)
- 14. The key points of the presentation included updated information to the EANET Project Fund and Project Guidelines version presented during WG2021-1, including Japan's revised proposal from 24 May 2021 and the proposal to appoint the Asia

Center for Air Pollution Research (ACAP) as EANET Project Fund Holder. The presentation also suggested:

- The Guideline will be implemented right after IG23 approves.
- The Guideline is the simple version and will be revised next year if IG23 is approved.
- 15. The Session was invited to review, discuss, make comments, provide guidance and make recommendations to the IG23 on the EANET.
- 16. The major discussion included:
  - i. It was suggested starting the Project Fund mechanism immediately after being approved by the IG23.
  - ii. It was clarified that there would be a separate financial report for the voluntarily financial contribution issued by the project fundholder. If IG agrees, ACAP/ the NC to be the holder, this report will be prepared by ACAP.
  - iii. It was reminded that for the EANET Project Plan (EPP), the NC and Secretariat might support stakeholders in the preparation phase if needed.
  - iv. It was pointed that following principles should be followed on the EANET Project Fund and Project Guideline: firstly, the projects should be designed within the scope of the EANET; secondly, project activities should be adhere to the consensus of all participating countries, and follow the approval procedure of WG discussion, SAC review and IG approval. Then China shared specific comments on this agenda item via email with the Secretariat during the meeting, and it has been shared with all Participating Countries.
  - v. It was clarified that the Project Fund's funding source is for the non-core budget unless decided differently by the IG.
  - vi. It was informed that any institution outside of the EANET countries might participate in the EANET Project Fund.
  - vii. It was explained that the research activities should remain within the EANET project criteria definition and would be advertised on the EANET website and other relevant channels outside of the EANET.
  - viii. It was informed that if the IG endorses ACAP as the Project Fund holder, ACAP will follow its usual budgetary regulation of with Japan Environmental Sanitation Center (JESC), its parent organization.
  - ix. It was clarified that specific information on item 4.3 relative to the "in-kind contributions" could be added to the document's revision.
  - x. It was suggested modifying the approval of the EANET Projects (EPP) to be approved not only by IG but also by consensus through the Working Group and SAC meetings to avoid organizing any additional ad-hoc IG meetings to save the costs of organizing such meetings.
  - xi. It was clarified that the Working Group is not a regular meeting of EANET.
  - xii. It was highlighted that the Project Guidelines should be attractive as they will

target potential co-financers such as other organizations or non-member countries.

17. The Chairperson thanked participants for their comments, guidance, recommendations, and closed Agenda item 5

# VII. CONSIDERATION OF THE REVISION OF GUIDELINES ON THE ADMINISTRATIVE AND FINANCIAL MANAGEMENT FOR THE SECRETARIAT AND THE NETWORK CENTER FOR THE EANET (AGENDA ITEM 6)

- 18. The Secretariat and the NC jointly presented the Revision of Guidelines on the Administrative and Financial Management for the Secretariat and the Network Center for the EANET (EANET/WG2021-2/6).
- 19. The presentation's key points included potential modifications to the Revision Guidelines on the Administrative and Financial Management for the Secretariat and the Network Center for the EANET if the IG23 approves the Project Fund Mechanism.
- 20. The Session was invited to review, discuss, make comments, provide guidance and make recommendations to the IG23 on the EANET.

# 21. The major discussion included:

- i. It was requested that the Secretariat report on the progress to the IG (modify page 16, para 80).
- ii. It was suggested creating a form for the Project Fund itself (related to page 30, Annex 6).
- iii. It was clarified that the financial report of the Secretariat and NC includes information regarding the carry forward of the budget and the surplus (modify page 37, Annex 8, Table 2-1).
- iv. Considering agenda item 6 is related to agenda item 5 (the EANET Project Fund and Project Guideline), it was suggested that the revision should be consistent with the approved EANET Project Fund and Project Guideline and the management and operation of IG approved project fund should be regulated based on the principle of consensus, fully respect viewpoints of all participating countries, and encourage project fund to support substantive activities, such as capacity building activities, that all participating countries can benefit from.
- 22. The Chairperson thanked participants for their comments and closed Agenda item 6.

# VIII. CONSIDERATION OF THE REVISION OF THE MEDIUM-TERM PLAN FOR THE EANET (2021-2025) (AGENDA ITEM 7)

- 23. The Secretariat presented the Revision of the Medium Term Plan for the EANET (2021-2025) (EANET/WG2021-2/7)
- 24. The presentation's key points included the proposed revisions to the MTP for the EANET subject to the approval of Annex by IG23.
- 25. The Session was invited to review, discuss, make comments, provide guidance, and make recommendations to the IG23 on the EANET
- 26. The major discussion included:
  - i. It was informed that the implementation of activities, including the project activities, should remain within the EANET scope.
- 27. The Chairperson thanked participants for their comments and closed Agenda item 7.

# IX. CONSIDERATION OF THE WORK PROGRAMME AND BUDGET OF EANET IN 2022 (AGENDA ITEM 8)

- 28. The Secretariat and the NC presented the Work Programme and Budget of EANET in 2022 (EANET/WG2021-2/8).
- 29. The key points of the presentation included:
  - Description of the Draft Work Programme and Budget 2022, including core activities and core budget, non-core activities, and non-core budget.
  - The core activities and budget are in line with MTP (2021-2025).
  - The non-core activities are candidates to be discussed at IG23 considering comments from Participating Countries and the budget for non-core activities as a reference.
  - If IG23 approves the project mechanism, the contribution of participating countries in terms of financial and/or in-kind is crucially important.
  - It was mentioned that the participating countries were expected to express their pledge for non-core activities in terms of financial and/or in-kind contributions and draft ideas for non-core activities by 10 September 2021.
- 30. The Session was invited to review, discuss, make comments, provide guidance, and make recommendations to the IG23 on the EANET
- 31. The major discussion included:

- i. China informed the meeting that they would need internal approval before working on activities outside the current scope, even if IG23 approves the Supplementary Document (Annex) to EANET Instrument. It is difficult for China to accept activities beyond the current scope until Chinese central government's approval of Supplementary Document (Annex) to EANET Instrument.
- ii. It was clarified that the timeline for accomplishing the non-core activities in 2022 is available once the IG approves the selected project activities.
- iii. It was reminded that the non-core activities would be subject to availabilities of funds, and the contributions are voluntary.
- 32. The Chairperson thanked participants for their comments and closed Agenda item 8.

# X. CONSIDERATION OF THE SUMMARY OF THE TWENTIETH ANNIVERSARY OF THE EANET (First revision) (AGENDA ITEM 9)

- 33. The NC presented the Summary of the Twentieth Anniversary of the EANET (First revision, hereinafter referred to as "the Summary") (EANET/WG2021-2/9)
- 34. The key points of the presentation included:
  - The NC explained the progress of the development of the Summary after WG1.
  - The NC briefly explained the revision points of each question and answer.
- 35. The Session was invited to review, discuss, make comments, provide guidance, and make recommendations to the IG23 on the EANET
- 36. The major discussion included:
  - i. China shared several comments on the Summary at the meeting and agreed to share them in writing with the NC/Secretariat after the meeting. As a general comment, China highlighted that according to the IG22 meeting report, it would be better if a scientific report developed firstly, and then develop the summary based on the report; the Summary should be focused on the achievements of 20 years of implementation of the EANET, and the resources should mainly come from the EANET data and publications.
  - ii. As the response to China's comments, the NC expressed the Summary would be revised following the comments and sent to all participating countries for their review.
- 37. The Chairperson thanked participants for their comments and closed Agenda item 9.

#### XI. WRAP-UP AND NEXT STEPS (AGENDA ITEM 10)

- 38. The Secretariat presented the meeting document under this agenda item (EANET/WG2021-2/10). The Chairperson, with support from the Secretariat, facilitated the discussion.
- 39. The key points of the presentation included:
  - The Draft Report of the Session will be shared with Participating Countries by 25 August 2021, who are invited to provide comments by 31 August 2021, and the Final Report will be shared by 3 September 2021.
  - A proposed continued WG2021-2 meeting before IG23.
  - Rules and procedures of the meeting mentioned above are to be prepared by the Secretariat.
  - Presentation of the possibility to join the Friends of Chair to support the bureau in preparing the revision of the Draft Text Supplementary Document (Annex) to EANET Instrument.
- 40. The Session was invited to review, discuss, make comments, provide guidance, and make recommendations to the IG23 on the EANET
- 41. The discussion was continued from Agenda item 4. The key points of the discussion included:
  - i. It was suggested to have one more session to continue with pending discussions at the WG2021-2 and invited the Friends of Chair to work on the Draft of the Annex before this continued meeting. Japan offered to join this group.
  - ii. It was clarified that the intention of the Draft Annex was not to modify the Instrument but to supplement it.
  - iii. It was suggested that main discussions should be done before the meeting, allowing the meeting to move on more efficiently considering the results of the discussions.
  - iv. The Secretariat informed that the rules and procedures to submit comments before the meeting would be prepared.
  - v. UNEP Legal Expert informed that the Friends of the Chair meeting is a political process to discuss views of countries and the discussions from this meeting that could be reflected in a note in the meeting documents.

#### - On Next Steps:

vi. Countries agreed to have an additional meeting, "Continued discussions of WG2021-2," on 2 November 2021, for a four-hour session focusing on the Revised Draft Text of Supplementary Document (Annex) to EANET Instrument.

- vii. It was clarified that the SAC would only provide comments from the scientific point of view on the Revised Draft Text of Supplementary Document (Annex) to EANET Instrument, based on scientific priority and benefits for the region.
- viii. It was suggested to ask the SAC for advice on the definitions and suggested terminologies such as air pollution and atmospheric environmental-related substances.
- ix. Countries were welcome to express their interest in joining the Friends of Chair by emailing the Secretariat by 27 August 2021. At the meeting, Japan and the Philippines expressed their willingness to be the Friends of Chair.
- x. Thailand has confirmed its availability to Chair the WG2021-2 continued meeting.
- xi. The Session prepared and adopted the Recommendations of the WG2021 to IG23 (available as Annex 2).
- 42. The Chairperson thanked participants for their comments and closed Agenda item 10.

### XII. CLOSING OF THE SESSION (AGENDA ITEM 11)

- 43. Dr. Isabelle Louis delivered the closing remarks. In her remarks, she mentioned that the 3-days meetings led to very important discussions and inputs for the preparation of IG23. She noted the next two important meetings coming ahead, the SAC21 and the continued WG2021-2 Session 2, and informed that these next steps, thanks to the Secretariat and the NC's efforts, would contribute to the success of the next IG23. Dr. Louis thanked all participating countries, the NC, the Secretariat, and the UNEP Legal Division representative, Mr. Stadler, for their active contribution during the meeting.
- 44. Dr. Erdenebat informed that after four years at the ACAP, his employment contract as Deputy Director-General is ended. He mentioned that the important agendas that were discussed during the 3-days meeting constituted one step forward to the expansion of the scope of the EANET, which should be reflected in the MTP for EANET 2021-2025, allowing the EANET to contribute more to the wider air pollution issues of the region. He informed participants that Prof. Meng Fan from the Chinese Research Academy of Environmental Sciences has been selected as the next Deputy Director-General in charge of the Network Center and wished him all the success in strengthening EANET activities. Finally, he thanked all Participating Countries and colleagues from the Secretariat and the NC for their constant support in Niigata, Japan, and wished good health and happiness to everyone.
- 45. Japan's representatives thanked Dr. Erdenebat for his remarkable contribution to the EANET. Also, they informed the Session that the IG23 will be held virtually due to the COVID-19 pandemic and that Japan has agreed to chair the meeting.
- 46. The Session expressed its gratitude to the Chairperson, Vice-Chairperson, the

Rapporteur, the participants, the representatives from international organizations, and resource persons for their efforts, cooperation, and contribution to the Session.

47. The Chairperson, appreciating the participants, the Secretariat, and the NC for their contributions, declared the Working Group Meeting in 2021 Session 2 (WG2021-2) of the Acid Deposition Monitoring Network in East Asia officially closed.

# <u>ANNEX 1 – LIST OF PARTICIPANTS</u>

## **CAMBODIA**

Mr. Thiv Sophearith Deputy Director-General

General Directorate of Environmental

Protection

Ministry of Environment

Mr. Him Chandath Deputy Director Air Quality and Noise N

Air Quality and Noise Management

Ministry of Environment

#### **CHINA**

Ms. Shi Chuan Program Officer

Division of Asian, African, and Latin

American Affairs

Department of International Cooperation Ministry of Ecology and Environment

Mr. Chen Yaxiang Program Manager

Division of Asian, African, and Latin

**American Affairs** 

Foreign Environmental Cooperation Center Ministry of Ecology and Environment

Mr. Zhou Jun Director

Division of Asian, African, and Latin

American Affairs

Department of International Cooperation Ministry of Ecology and Environment

Mr. Chen Tianyang Program Officer

Division of Asian, African, and Latin

**American Affairs** 

Foreign Environmental Cooperation Center Ministry of Ecology and Environment

Mr. Zhao Qian Programme Officer

Division of Monitoring Network

Management

Department of Ecological Environment Monitoring Ministry of Ecology and

Environment

Ms. Zhang Min Program Officer

Division of Asian, African, and Latin American

Affairs

Department of International Cooperation Ministry

of Ecology and Environment

Dr. Wang Xiaofei Senior Engineer

Department of Ambient Air Quality Monitoring China National Environmental Monitoring Center

Ms. Jiao Congying Associate Professor

Office of Scientific Research Management

China National Environmental Monitoring Center

Dr. Yang Xiaoyang

Institute of Atmospheric Environment Chinese Research Academy of Environmental Sciences

### **INDONESIA**

Mr. Djurit Teguh Prakoso

Head of Sub Directorate of Air Pollution Control Directorate of Air Pollution Control Directorate General of Pollution Control and Environmental Damage

Ministry of Environment and Forestry

Mr. Ahmad Imanuddin

Staff

Directorate of Air Pollution Control Directorate General of Environmental Pollution and Damage Control Ministry of Environment and Forestry

Mr. Azafian Rafael

Staff

Directorate of Air Pollution Control Directorate General of Environmental Pollution and Damage Control Ministry of Environment and Forestry

#### **JAPAN**

Mr Toshiyuki Yamasaki

Director

International Cooperation Office Environmental Management Bureau Ministry of Environment, Japan Mr. Koki Azuma

Counselor for Transboundary Pollution

Analysis

General Affairs Division Environmental

Management Bureau Ministry of

Environment, Japan

Dr. Minako Kawai

Section Chief

Air Environment Division Environmental

Management Bureau Ministry of

Environment, Japan

Mr. Ko Matsuura

Section Chief

Office of International Cooperation in Air

and Water Quality Management

Environmental Management Bureau Ministry

of Environment, Japan

Mr. Takashi Ohmura

Senior Fellow

Institute for Global Environmental Strategies

#### LAO PDR

Ms. Setouvanh Phanthavongsa

**Deputy Director** 

Natural Resources and Environment and

Statistic Research Institute (NRESRI)

Ministry of Natural Resources and

**Environment** 

### **MALAYSIA**

Ms. Mazrini Binti Mohmad

**Principal Assistant Secretary** 

**Environmental Management Division** 

Ministry of Environment and Water

Dr. Ahmad Fairudz Bin Jamaluddin

Director

Atmospheric Science and Cloud Seeding

Division

Malaysian Meteorological Department

Ministry of Environment and Water

Mohd Azuwan Bin Abdullah

**Assistant Secretary** 

**Environmental Management Division** 

Ministry of Environment and Water

Ms. Zafirah binti Mohamad Nor

**Assistant Secretary** 

Environmental Management Division Ministry of

**Environment and Water** 

Mr. Mohan Kumar Sammathuria

Principal Assistant Director

Atmospheric Sciences and Cloud Seeding

Division

Malaysian Meteorological Department Ministry of

**Environment and Water** 

Mr. Ambun Dindang

Senior Director

Meteorological Instrumentation and Atmospheric

Science Centre Malaysian Meteorological

Department Ministry of Environment and Water

#### **MONGOLIA**

Mr. Baldorj Barkhasragchaa

Head, Environmental Monitoring Division

Central Laboratory of Environment and

Meteorology

Central Laboratory of Environment and

Metrology (CLEM), National Agency for

Meteorology and Environmental Monitoring

Dr. Gantuya Ganbat

Scientific Advisor

National Committee on Reducing Environmental

Pollution

Ministry of Environment and Tourism

#### **MYANMAR**

Dr. Kyu Kyu Sein

Assistant

Director Hydrological Division

Department of Meteorology and Hydrology

Ministry of Transport and Communication

#### **PHILIPPINES**

Ms. Vizminda A. Osorio

OIC, Assistant Director

Environmental Management Bureau

Dept. of Environment and Natural Resources

Ms. Consolacion P. Crisostomo

**Division Chief** 

Policy, Planning and Programs Development Division Environmental Management Bureau Dept. of Environment and Natural Resources

Mr. Jundy T. Del Socorro

Supervising Environmental Management Specialist, Air Quality Management Section Environmental Quality Management

Division

Environmental Management Bureau

Dept. of Environment and Natural Resources

Ms. Ma. Fatima Anneglo R. Molina Supervising Science Research Specialist Environmental Research and Laboratory Services Division

Services Division

Environmental Management Bureau

Dept. of Environment and Natural Resources

Ms. Karen Ann Foster Pacpaco

Supervising Environmental Management

Specialist

Environmental Education and Information

Division

Dept. of Environment and Natural Resources

Ms. Arcely C. Viernes

Senior Science Research Specialist and National Coordinator for EANET Environmental Research and Laboratory

Services Division

Environmental Management Bureau Dept. of

**Environment and Natural Resources** 

Mr. Sammy L. Aytona

Senior Science Research Specialist

Environmental Research and Laboratory

Services Division

Environmental Management Bureau Dept. of

**Environment and Natural Resources** 

#### REPUBLIC OF KOREA

Ms. Soon-yee Cho

**Deputy Director** 

Air Quality Division

Air Quality Policy Bureau Ministry of

Environment

Ms. Hyeri Yi

International Cooperation Advisor Air Quality

Division

Air Quality Policy Bureau Ministry of

Environment

#### **RUSSIA**

Dr. Sergey Gromov

**Deputy Director** 

Yu.A. Izrael Institute of Global Climate and

Ecology (IGCE)

Ms. Kotlyakova Marina

Deputy Head

Environmental Pollution Monitoring Department

Russian Federal Service for Hydrometeorology

and Environmental Monitoring

### **THAILAND**

Ms. Siwaporn Rungsiyanon

Director

Transboundary Air Pollution Subdivision Air

Quality and Noise Management Division

Pollution Control Department

Ministry of Natural Resources and Environment

Mr. Phunsak Theramongkol

Director

Air Quality and Noise Management Division

Pollution Control Department

Ministry of Natural Resources and Environment

Mr. Pichaid Atipakya

Environmentalist

Air Quality and Noise Management Division

Pollution Control Department

Ministry of Natural Resources and Environment

Ms. Sirirat Yensong Environmentalist

Air Quality and Noise Management Division

Pollution Control Department Ministry of Natural Resources and

Environment

Mr. Nattanont Tangngam

Third Secretary

Legal Affairs Division

Department of Treaties and Legal Affairs

Ministry of Foreign Affairs

# **VIET NAM**

Dr. Le Ngoc Cau

Director

Center of Environmental Research Vietnam Institute of Meteorology, Hydrology and Climate Change

#### UN ENVIRONMENT PROGRAMME

Dr. Isabelle Louis

Deputy Regional Director

Mr. Stadler Trengove Principal Legal Officer

Ms. Georgina Lloyd

Regional Coordinator, Environmental Law

and Governance

Ms. Maria Katharina Patdu Coordinator, Asia Pacific Clean Air Partnership (APCAP)

# NETWORK CENTER FOR THE EANET

Asia Center for Air Pollution Research (ACAP)

Dr. Shiro Hatakeyama Director-General

Dr. Erdenebat Eldev-Ochir Deputy Director-General

Dr. Ken Yamashita

Head, Planning and Training Department

Dr. Meihua Zhu

Senior Researcher, Planning and Training

Department

Ms. Ayako Aoyagi

Administrative Staff, Planning and Training

Department

Dr. Keiichi Sato

Head, Atmospheric Research Department

Dr. Hiroyuki Sase

Head, Ecological Impact Research Department

Dr. Tsuyoshi Ohizumi

Head, Data Management Department

Dr. Junichi Kurokawa

Chief Senior Researcher, Data Management

Department

Ms. Yao Dong

Assistant Deputy Director-General

Mr. Akihito Morizumi

Manager, General Affairs Department

Ms. Miho Tamura

Administrative Staff, General Affairs Department

Mr. Ryo Matsuya

Senior Researcher, Atmospheric Research

Department

Mr. Takuya Momoi

Senior Researcher, Atmospheric Research

Department

Dr. Akie Yuba

Senior Researcher, Atmospheric Research

Department

Ms. Mari Futami

Researcher, Atmospheric Research Department

Dr. Rieko Urakawa

Senior Researcher, Ecological Impact Research

Department

Mr. Hiroki Yotsuyanagi Senior Researcher, Ecological Impact Research Department

Mr. Masayuki Morohashi Senior researcher, Ecological Impact Research Department

Mr. Hiroshi Machida Senior Researcher, Data Management Department

Dr. Yusuke Kiriyama Researcher, Data Management Department

Ms. Kumiko Nakamura Researcher, Data Management Department

# SECRETARIAT FOR THE EANET

United Nations Environment Programme Asia and Pacific Office

Mr. Tomi Haryadi Coordinator

Ms. Aurélia Lemoine Consultant

Ms. Sirinart Suanyam
Programme Management Assistant
Chemicals, Waste and Air quality

# REGIONAL RESOURCE CENTER FOR ASIA AND THE PACIFIC

Dr. Naoya Tsukamoto Director

Dr. Ram Lal Verma Programme Specialist

Ms. Charina May Lepiten Programme Specialist

### ANNEX 2 - RECOMMENDATIONS OF THE WG2021 TO IG23 (adopted)

The Working Group Meeting in 2021 (WG2021) recommends the twenty-third Session of the Intergovernmental Meeting (IG23) on the Acid Deposition Monitoring Network in East Asia (EANET) to make its decisions, including the following elements:

# 1. Recalling the mandate given by the 22<sup>nd</sup> Session of the Intergovernmental Meeting (IG22) of the EANET regarding the expansion scope of EANET.

Therefore, the Working Group recommends the IG23 to:

- a. Discuss, consider, and finalize the text Draft Supplementary Document (Annex) to EANET Instrument for the purpose of national procedures to approve, as appropriate.
- b. Discuss, consider, and approve the revision of the Medium Term Plan for the EANET (MTP) (2021-2025), aiming to add relevant information related to the expansion scope of the EANET Instrument to the document following the discussion at the Working Group Meetings in 2021, subject to the approval of the Draft Supplementary Document (Annex) to EANET Instrument.
- c. Task the Secretariat and the NC to take the necessary actions, including organizing the Working Group Meetings in 2022, as a follow-up from sub-paragraph (a) as instructed by the IG23.

# 2. Recalling the mandate given by the IG22 regarding the Medium Term Plan for the EANET (2021-2025).

Therefore, the Working Group recommends the IG23 to:

- a. Discuss, consider and approve the Revision of the MTP (2021-2025), the Revision of Guidelines on the Administrative and Financial Management for the Secretariat, and the Network Center for the EANET and Work Programme and Budget in 2022 (WP&B 2022) that were prepared through discussions at the Working Group Meeting sessions and relevant follow-up discussions, as appropriate, with the common understanding:
  - Core Activities specified in the Draft MTP (2021-2025) are in line with the current scope and agreed expanded scope of the Instrument and consist of activities that all Participating Countries consider indispensable priority and essential for achieving EANET objectives, and beneficial for all Participating Countries directly and indirectly.
  - 2. Non-Core Activities described in the WP&B 2022 were recommended by the Working Group Session and follow-up process before IG23 that reflect Participating Countries' priorities and interests, ready to implement in 2022 once necessary budget to each activity is secured.
  - 3. Encourage Participating Countries to provide their voluntary contributions to the Core Budget to fully operationalize the Core Activities specified in WP&B 2022

and continue to provide their voluntary contributions to the Core Budget for the MTP (2021-2025).

- b. Discuss, consider, and adopt the final Draft EANET Project Fund and Project Guideline as appropriate, which may take effect immediately following the decision of IG23, with the common understanding:
  - 1. The EANET Project Fund and Project Guideline will be implemented as a transition period for one or two years following the approval of IG23.
  - 2. During the transition period, the proposed Non-Core activities (Project Activities) to be implemented in 2022 will be selected through a similar process as in 2021.
  - 3. The implementation of full project proposal submission for Project Activities will be implemented in 2022 following the decision of IG23.
  - 4. The proposal to designate ACAP as Project Fund Holder during the transition period (for one or two years) is approved by the IG23.
- c. Encourage Participating Countries to express the pledge to provide additional voluntary contributions, including in-kind contributions to the Non-Core Activities and EANET Project Fund, to secure necessary resources to implement Non-Core Activities specified in WP&B 2022, and the idea of Non-Core Activities received by 10 September 2021.
- d. Task the Secretariat and the NC to organize the Working Group Meeting[s] after IG23 to discuss and prepare relevant documents defined in sub-paragraphs (a and b).
- e. As the Summary of the Twentieth Anniversary of the EANET will be launched during the IG23 meeting and going to be used as an outreach material at the side event of IG23, WG2021 recommend IG23 to discuss, consider and endorse the final Summary of the Twentieth Anniversary of the EANET, subject to the approval of all participating countries. The first day of IG23 is preferred to endorse the final Summary prepared by the SAC.