

Concept Note

EANET Workshop on the relationship between atmospheric environment and human health and ecosystems

31 October 2022 13:00-16:00 (Bangkok time (UTC+7))

- EANET Project Activity 17 in 2022 -

1. Background

- Deteriorated atmospheric environment by pollutants emitted from anthropogenic activities may cause adverse effects on human health and ecosystems.
- However, the scientific knowledge has not been shared among various stakeholders, such as policymakers, scientists, and the public.
- To share the scientific knowledge and relevant policy measures, a regular set of workshops or seminars on the relationship between atmospheric environment and human health and the relationship between atmospheric environment and ecosystem is planned in coming years.

2. Objectives

- To obtain scientific knowledges on the relationships between atmospheric environment and human health and between atmospheric environment and ecosystems
- To learn science-based policy experiences on reduction of atmospheric pollutants in other regions, such as Europe
- To obtain common understandings on future directions of environmental measures between policy makers and scientists on national and international levels

3. Expected participants

- Government officials, such as representatives for the Intergovernmental Meetings and Working Groups in the EANET, other relevant officials, etc.
- EANET related scientists, such as the Scientific Advisory Committee members, Task Force members, other relevant scientists, etc.
- Resource persons, including invited speakers from other regional networks and international organizations

4. Date, Time and Venue

- 13:00-16:00 (Bangkok time (UTC+7)) 31 October, 2022.
- On the web (using Zoom)

5. Organizer

- Network Center for the EANET (Asia Center for Air Pollution Research: ACAP)

6. Arrangement

- Registration through the dedicated website below is required.

https://us06web.zoom.us/webinar/register/WN_HQBPqeqIS-ukCKPfyJ5qOg

7. Contacts

- eanet@acap.asia
- Network Center for the EANET (Asia Center for Air Pollution Research: ACAP)

8. Program outline

Time	Topics/title of a presentation	Speaker	Note
13:00 UTC+7 (15:00 JST)	Opening the workshop	Director General of ACAP EANET Secretariat	
13:05 (15:05)	Session 1: Scientific knowledge on the atmospheric environment and its effects (Introduction)	<u>Chair:</u> (Dr. Hiroyuki Sase, Network Center for EANET)	
13:10 (15:10)	Presentation 101: (20 minutes: effects of air pollution on human health)	Prof. Kayo Ueda, Hokkaido Univ.	
13:30 (15:30)	Presentation 102: (20 minutes: effects of ozone on crop production in Asia)	Prof. Zhaozhong Feng, Nanjing University of Information Science and Technology	
13:50 (15:50)	Presentation 103: (20 minutes: effects of atmospheric deposition on forest ecosystems)	Dr. Hiroyuki Sase, Network Center for EANET	Based on the EANET catchment studies
14:10 (16:10)	Q & A (10 minutes)		
14:20 (16:20)	Coffee break (5 minutes)		
14:25 (16:25)	Session 2: Science-based policy experiences in other regions (Introduction)	<u>Chair:</u> (Dr. Ken Yamashita, Network Center for EANET)	
14:30 (16:30)	Presentation 201: (20 minutes: Convention on Long-range Transboundary Air Pollution (CLRTAP) experience to assess human health and ecosystem)	Ms. Anna Kaplina, Secretariat, Convention on Long-range Transboundary Air Pollution (CLRTAP), United Nations Economic Commission for Europe (UNECE)	
15:10 (17:10)	Presentation 202: (20 minutes: work of the Task Force on Health under the CLRTAP, and relevant work of WHO beyond cooperation with CLRTAP)	Dr. Dorota Jarosinska, WHO Regional Office for Europe, European Centre for Environment and Health, WHO	

15:10 (17:10)	Presentation 203: (20 minutes: integrated assessment models contributed to the Air Convention protocols)	Dr. Zbigniew Klimont, Scientist from International Institute for Applied Systems Analysis (IIASA)	GAINS/RAINS
15:30 (17:30)	Q & A (10 minutes)		
15:40 (17:40)	Discussion (20 minutes: 3-4 mins/speaker) ☞ Comments from the session chairs ☞ Common understanding on future directions	<u>Moderator:</u> (Dr. Ken Yamashita) <u>Panelists:</u> Prof. Feng, Dr. Sase, Dr. Klimont, Ms. Anna Kaplina, Dr. Dorota Jarosinska	Voting answers on the web and some simple questions
16:00 (18:00)	Closing	Deputy Director General of ACAP	