



Symposium on Air Pollutant Emissions Inventory and Air Quality Management

7 September 2023
Seoul, Republic of Korea

Concept Note

Air pollution greatly impacts human health and the ecosystem, and thus clean air is critical to ensuring the quality of life and a sustainable environment. Globally, around 7 million people lose their lives prematurely from diseases attributable to air pollution.¹ Accordingly, air pollution has been one of the primary work areas of the North-East Asian Subregional Programme for Environmental Cooperation (NEASPEC) and member States launched the North-East Asia Clean Air Partnership (NEACAP) in 2018 to promote collaboration of countries in addressing air pollution in North-East Asia.

Since then, member States of NEASPEC have taken steady actions to institutionalize the NEACAP. As a first step, the Science and Policy Committee (SPC) was established in 2019. As the steering body, the SPC plans, monitors, and reviews the activities of NEACAP and promotes science-policy linkages through guiding technical assessments and dialogues.

To support the abovementioned SPC roles, the symposium will be organized in conjunction with the fifth meeting of SPC to provide the SPC members and invited stakeholders and experts with the following opportunities:

- To learn from eminent experts and SPC members about recent advances in scientific approaches in dealing with air pollution
- To exchange experiences in addressing air pollution;
- To identify possible contributions of NEACAP to the implementation of Regional Action Programme on Air Pollution; and
- To support the discussions on NEACAP future activities during the fifth meeting of SPC.

General information

¹ WHO (2021) WHO Air Quality Guidelines, Available at: <https://www.who.int/publications/i/item/9789240034228>

- Co-organizers: ESCAP East and North-East Asia Office as the NEASPEC Secretariat and the National Air Emission Inventory and Research Center (NAIR) under the Ministry of Environment of the Republic of Korea
- Date: 7 September 2023
- Venue: 4th Fl., Rosemary & Lavender Hall, 63 Building Convention Center, Seoul
- Target audiences: SPC members, TC representatives, experts, government officials, academia, and research institutes
- Meeting language: English
- Expected number of participants: 100 (International participants: about 20)

Symposium on Air Pollutant Emissions Inventory and Air Quality Management

Sep 7th 2023 / Seoul, Korea

Time	Session	Speakers & Panelists	Format
9:30 – 9:50	Opening remarks	Hanna Yang, President of NAIR Ganbold Baasanjav, Director of UN ESCAP-ENEA	In-person
		Group Photo	
Session 1. Global air quality policy trend and international cooperation			
9:50–11:10	Presentation	Sangmin Nam, Director, Environment and Development Division, UN ESCAP	Remote
		Jingnan Hu, Director, Atmospheric Environment Institute, Chinese Research Academy of Environmental Sciences	In-person
		Hiroshi Tanimoto, Deputy Director, Earth System Division, National Institute for Environmental Studies (NIES), Japan	In-person
		Batbayar Jadamba, Director, Environment Monitoring Division of National Agency for Meteorology and Environmental Monitoring of Mongolia	In-person
		Tae-kon Song, Administrative officer, Ministry of Environment, Republic of Korea	In-person
		Sergey Gromov, Principal Scientist, Institute of Global Climate and Ecology (IGCE), Russian Federation	In-person
Break time (11:10 – 11:20)			
Session 2. Development and management of an air pollutant emissions inventory			
11:20-12:40	Presentation	Chul Yoo, Director, NAIR	In-person
		Rich Mason, NEI Team Lead, U.S. EPA	Remote
		Satoru Chatani, Chief senior researcher at NIES, Japan	In-person
		Shuxiao Wang, Professor, Tsinghua University, China	In-person
		Sabine Schindlbacher, Head of EMEP-CEIP	Remote

12:40-13:00	Q & A		
Lunch time, Networking (13:00 - 15:00)			
Session 3. Policy impacts assessment through air quality modeling			
15:00-16:00	Presentation	Soontae Kim, Professor, Ajou University	In-person
		Zbigniew Klimont, Research Group Leader, IIASA	In-person
		Wei Zhang, Vice director, Chinese Academy of Environment Planning	Remote
		Jean Fouré, Environmental economist, OECD	In-person
16:00-16:20	Q & A		
Session 4. The future of air quality management: Where we should head to			
16:30-16:55	Discussion	<ul style="list-style-type: none"> • Jung-Hun Woo, Professor, Konkuk university, Republic of Korea • Byeong-Uk Kim, Georgia Environmental Protection Division, US A • Young Gi Jang, University of Suwon, National Air Emission Inventory Committee, Republic of Korea • Junichi Kurokawa, Chief Senior Researcher, Asia Center for Air Pollution Research • Gantuya Ganbat, Assistant Professor, German-Mongolian Institute for Resources and Technology, Mongolia 	
Closing (16:55 – 17:00)			