

## "Forum for Approaches to Air Pollution and Climate Action" Integrated Approaches to Air Pollution and Climate Action: Monitoring, Technology, and Financing from Japan

### Overview: Integrated Approaches to Air Pollution and Climate Change — Innovation and International Cooperation

This seminar aims to strengthen air quality management through collaboration among stakeholders. It will present the Ministry of the Environment of Japan's initiatives on next-generation air quality monitoring, along with the latest developments in policy support using satellites, ground-based observations, and low-cost sensors (LCS). The program will also discuss the use of the Joint Crediting Mechanism (JCM) to achieve both CO<sub>2</sub> reduction and PM2.5 mitigation, transboundary air pollution countermeasures, South-South cooperation, enhanced collaboration through international knowledge sharing, and the overseas deployment of Japan's environmental technologies. Through these discussions, the seminar seeks to contribute to addressing common environmental challenges across Asia.

### Objectives:

- To examine the potential for policy support through high-precision, real-time information that integrates satellite data, ground-based observations, and low-cost sensors
- To promote the Joint Crediting Mechanism (JCM) as a co-benefit approach that simultaneously achieves CO<sub>2</sub> emission reductions and PM2.5 mitigation
- To share perspectives on strengthening transboundary air pollution countermeasures and South-South cooperation within the Asian region
- To advance regional collaboration and contribute to addressing global challenges through international knowledge sharing
- To promote the international deployment of Japan's environmental technologies and contribute to sustainable development

### Target Participants:

Policy makers involved in air pollution and climate change measures, researchers, and representatives from private companies working with environmental technologies

### Date and Time:

February 17, 2026 (Tuesday)

- Seminar: 09:15 – 18:20 (registration: 8:45 - 9:15)
- Reception: 18:30 – 20:30

### Venue:

Takanawa Gateway Convention Center, Hall C1 (2-21-2 Takanawa, Minato-ku, Tokyo)

### Draft Program:

*Titles are provisional and subject to change.*

Time	Agenda	
8:45 - 9:15	Registration	
9:15 - 9:25	0-1	<p>Opening Session: Welcome Remarks Mr. Tomoyuki Izumi (Director for International Cooperation, Environmental Management Division Water and Air Environment Bureau, MOEJ) Dr. Toshimasa Ohara (Director General, Asia Center for Air Pollution Research) Ms. Yujeong Kim (Ad Interim Coordinator, Secretariat for the Acid Deposition Monitoring Network in East Asia (EANET), United Nations Environment Programme Asia and Pacific Office)</p>

9:25 - 9:30	0-2	Group photo
<b>Session 1</b>		
9:30 - 9:35	1-0 	<b>Next-Generation Monitoring and Assessment System for Air Pollution in East Asia</b> Moderator: Dr. Hiroyuki Sase (Asia Center for Air Pollution Research, ACAP)
9:35 - 9:55	1-1 	<b>Next-Generation Monitoring and Assessment System for Air Pollution</b> Dr. Toshimasa Ohara (Director General, ACAP)
9:55 - 10:15	1-2 	<b>Satellite Utilization for Air Pollution Monitoring</b> Dr. Hiroshi Tanimoto (NIES)
10:15 - 10:35	1-3 	<b>LCS Monitoring for Understanding Urban Pollution Mechanisms</b> Dr. Keiichi Sato (ACAP)
10:35 - 11:05	1-4 	Panel Discussion
<b>Session 2</b>		
11:05 - 11:10	2-0 	<b>Public Support for Air Pollution Control and Climate Change Mitigation</b> Moderator: Ms. Yumi Yasuda (Deputy Director, Environmental Management Division Water and Air Environment Bureau, MOEJ)
11:10 - 11:20	2-1 	<b>Explanation of the Feasibility Study for Synergy-based JCM project formulation</b> Ms. Nao Nakajo (Environmental Management Division Water and Air Environment Bureau, MOEJ)
11:20 - 11:30	2-2 	<b>JICA's Support for Air Pollution Control</b> Mr. Hiroaki Takiguchi (Japan International Cooperation Agency (JICA) Senior International Cooperation Specialist)
11:30 - 11:40	2-3 	<b>Co-Benefit Approach toward JCM project formulation</b> Ms. Dang Casanova (Clean Air Asia)
11:40 - 11:50	2-4 	<b>Japan Fund for the Joint Crediting Mechanism</b> Mr. Takahiro Murayama (Climate Change Specialist, Climate Change, Resilience, and Environment Cluster, Climate Change and Sustainable Development Department, Asian Development Bank)
11:50 - 12:10	2-5	Panel Discussion
12:10 – 13:20		Lunch Break (Participants are kindly requested to arrange their own meals)
<b>Session 3</b>		
13:20 - 13:25	3-0 	<b>Transitioning from Co-Benefits to Synergy-Driven Action</b> Moderator: Dr. Eric Zusman (Institute for Global Environmental Strategies, IGES)
13:25 - 13:40	3-1 	<b>Asia Co-benefit Program</b> Dr. Eric Zusman (IGES)
13:40 - 13:55	3-2 	<b>Feasibility Study of a Project to Replace Coal Fuel with Biomass Solid Fuel Made from Agricultural Waste in Vietnam</b> Dr Ken Yamashita (ACAP) Dr. Le Ngoc Cau (Deputy Director General, Viet Nam Institute of Meteorology, Hydrology, Environment and Marine Sciences, Ministry of Agriculture and Environment, Vietnam)
13:55 - 14:10	3-3 	<b>Feasibility study of a JCM project to introduce an energy-creating wastewater treatment system to the Citarum River in Indonesia</b> Ms. Kanako Seki (Japan NUS) Mr. Yoshihiro Iwata (Aiken Kakoki K.K.) Mr. Wesley Arfianto (PT. Artha Envirotama)
14:10 - 14:25	3-4 	<b>Feasibility study for JCM project in the Republic of India using rice straw solid fuel production~RSSF in India</b> Mr. Fumihiko Kuwahara Suri Keikaku Co., Ltd Ms. Nikita (Deputy Director, Environment & Climate Action Group, National Productivity Council in India)

14:25 - 14:40	3-5 	<b>JCM Project Proposal from Mongolia</b> Ms. Ogtontsetseg Luvsandash (Secretariat of the Joint Committee for the JCM between Japan and Mongolia) Mr. Eric Erdembileg Tsedev (Naanovo Green Energy Mongolia LLC)
14:40 - 15:00	3-6 	Panel Discussion
15:00 - 15:10		Break

#### Session 4

15:10 - 15:15	4-0 	<b>Air Quality Management and Climate Change Project Formulation in Asia</b> Moderator: Ms. Dang Casanova (Clean Air Asia)
15:15 - 15:25	4-1 	<b>Issues from Uzbekistan potential project seed (Uzbekistan)</b> Dr. Laylo Yakhshiboeva (Leading Specialist, Department of Foreign Investment Attraction and International Cooperation Ministry of Higher Education, Science, and Innovation, Republic of Uzbekistan)
15:25 - 15:35	4-2 	<b>Issues from Chiang Rai and potential project seed (Thailand)</b> Dr. Nion Sirimongkonlertkun (Logistics Engineering Major, Industrial Engineering Program, Faculty of Engineering, Rajamangala University, Thailand)
15:35 - 15:45	4-3 	<b>Issues from Bangladesh and potential project seed (Bangladesh)</b> Mr. Sidhartha Sankar Kundu (Deputy Secretary, Ministry of Environment, Forest and Climate Change, Bangladesh)
15:45 - 15:55	4-4 	<b>Issues from India and potential project seed (India)</b> Ms. Nikita (Deputy Director, Environment & Climate Action Group, National Productivity Council in India)
15:55 - 16:05	4-4 	<b>Issues from Mongolia and potential project seed (Mongolia)</b> Ms. Undarmaa Khurelbaatar (National project Coordinator, Ministry of Environment and Climate Change of Mongolia)

#### Session 5

16:05 - 16:10	5-0 	<b>Japan's Environmental Technologies for Air Pollution and Climate Change</b> Moderator: Dr. Meihua Zhu (ACAP)
16:10 - 16:20	5-1 	Introduction of technologies and products by environmental-related companies /TBD
16:20 - 16:30	5-2 	Introduction of technologies and products by environmental-related companies /TBD
16:30 - 16:40	5-3 	Introduction of technologies and products by environmental-related companies /TBD
16:40 - 16:50	5-4 	Introduction of technologies and products by environmental-related companies /TBD
16:50 - 17:00	5-5 	Introduction of technologies and products by environmental-related companies /TBD
17:00 - 17:10	5-6 	Introduction of technologies and products by environmental-related companies /TBD
17:10 - 17:30	5-7 	Panel Discussion
17:30 - 17:45		Break

#### Session 6

17:45 - 18:15	6-0 	<b>Integrated Use of Satellite Data for Addressing Global Challenges Led by the Private Sector</b> Moderator: TBD
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	6-1 UK	Introduction of technologies and products by environmental-related companies /TBD
	6-2 UK	Introduction of technologies and products by environmental-related companies /TBD
	6-3 UK	Introduction of technologies and products by environmental-related companies /TBD
	6-4 UK	Panel Discussion
18:15 - 18:20	7-0 UK	Closing Remarks Ms. Siwaporn Rungsiyanon (Deputy Director General, ACAP)