

"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 CO₂ reduction and PM_{2.5} 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 CO₂ emission reductions and PM_{2.5} 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	Opening Session: Welcome Remarks Mr. Tomoyuki Izumi (Environmental Management Division, Water and Air Environment Bureau, Ministry of the Environment of Japan (MOEJ)) Dr. Toshimasa Ohara (Asia Center for Air Pollution Research (ACAP)) Ms. Yujeong Kim (United Nations Environment Programme Asia and Pacific Office, Secretariat for the Acid Deposition Monitoring Network in East Asia (EANET))

9:25 - 9:30	0-2	Group photo
Session 1		
9:30 - 9:35	1-0 	<u>Next-Generation Monitoring and Assessment System for Air Pollution in East Asia</u> Moderator: Dr. Hiroyuki Sase (ACAP)
9:35 - 9:55	1-1 	<u>Next-Generation Monitoring and Assessment System for Air Pollution</u> Dr. Toshimasa Ohara (ACAP)
9:55 - 10:15	1-2 	<u>Roles of Satellite Observations for Air Quality Monitoring: New Data from the GOSAT-GW Mission</u> Dr. Hiroshi Tanimoto (National Institute for Environmental Studies (NIES))
10:15 - 10:35	1-3 	<u>LCS Monitoring for Understanding Urban Pollution Mechanisms</u> Dr. Keiichi Sato (ACAP)
10:35 - 11:05	1-4 	Panel Discussion
Session 2		
11:05 - 11:10	2-0 	<u>Public Support for Air Pollution Control and Climate Change Mitigation</u> Moderator: Ms. Yumi Yasuda (Environmental Management Division, Water and Air Environment Bureau, MOEJ)
11:10 - 11:20	2-1 	<u>Explanation of the Feasibility Study for Synergy-based JCM Project Formulation</u> Ms. Nao Nakajo (Environmental Management Division, Water and Air Environment Bureau, MOEJ)
11:20 - 11:30	2-2 	<u>JICA's Support for Air Pollution Control</u> Mr. Hiroaki Takiguchi (Japan International Cooperation Agency (JICA))
11:30 - 11:40	2-3 	<u>Co-Benefit Approach toward JCM Project Formulation</u> Ms. Dang Casanova (Clean Air Asia)
11:40 - 11:50	2-4 	<u>Japan Fund for the Joint Crediting Mechanism</u> Mr. Takahiro Murayama (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)
Session 3		
13:20 - 13:25	3-0 	<u>Transitioning from Co-Benefits to Synergy-Driven Action</u> Moderator: TBA
13:25 - 13:40	3-1 	<u>Asia Co-benefit Program</u> TBA
13:40 - 13:55	3-2 	<u>Feasibility Study of a Project to Replace Coal Fuel with Biomass Solid Fuel Made from Agricultural Waste in Vietnam</u> Dr. Ken Yamashita (ACAP) Dr. Le Ngoc Cau (Viet Nam Institute of Meteorology, Hydrology, Environment and Marine Sciences, Ministry of Agriculture and Environment)
13:55 - 14:10	3-3 	<u>Feasibility study of a JCM Project to Introduce an Energy-creating Wastewater Treatment System to the Citarum River in Indonesia</u> Ms. Kanako Seki (JAPAN NUS Co., Ltd.) Mr. Wesley Arfianto (PT. Artha Envirotama)
14:10 - 14:25	3-4 	<u>Feasibility Study for JCM Project in the Republic of India Using Rice Straw Solid Fuel Production~RSSF in India</u> Mr. Fumihiko Kuwahara (Suri Keikaku Co., Ltd) Ms. Nikita (Environment & Climate Action Group, National Productivity Council in India)
14:25 - 14:40	3-5 	<u>JCM Project Proposal from Mongolia</u> Ms. Otgontsetseg 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 	Air Quality Management and Climate Change Project Formulation in Asia Moderator: Ms. Dang Casanova (Clean Air Asia)
15:15 - 15:25	4-1 	Issues from Uzbekistan Potential Project Seed (Uzbekistan) Dr. Laylo Yakhshiboeva (Department of Foreign Investment Attraction and International Cooperation Ministry of Higher Education, Science, and Innovation, Republic of Uzbekistan)
15:25 - 15:35	4-2 	Issues from Chiang Rai and Potential Project Seed (Thailand) Dr. Nion Sirimongkonlertkun (Faculty of Engineering, Rajamangala University, Thailand)
15:35 - 15:45	4-3 	Issues from Bangladesh and Potential Project Seed (Bangladesh) Mr. Sidhartha Sankar Kundu (Ministry of Environment, Forest and Climate Change, Bangladesh)
15:45 - 15:55	4-4 	Issues from India and Potential Project Seed (India) Ms. Nikita (Environment & Climate Action Group, National Productivity Council in India)
15:55 - 16:05	4-5 	Issues from Mongolia and Potential Project Seed (Mongolia) Ms. Undarmaa Khurelbaatar (Ministry of Environment and Climate Change of Mongolia)
16:05 - 16:20		Break
Session 5		
16:20 - 16:25	5-0 	Japan's Environmental Technologies for Air Pollution and Climate Change Moderator: Dr. Meihua Zhu (ACAP)
16:25 - 16:35	5-1 	Introduction of Technologies and Products Mr. Takahiro Innami (BEMAC Corporation)
16:35 - 16:45	5-2 	Introduction of Technologies and Products Mr. Ukyo Tai (GL Sciences Inc.)
16:45 - 16:55	5-3 	Introduction of Technologies and Products Mr. Takeshi Kobayashi (HORIBA Ltd.)
16:55 - 17:05	5-4 	Introduction of Technologies and Products Ms. Noriko Endo (Global Collaboration Development, Shimadzu Corporation)
17:05 - 17:15	5-5 	Introduction of Technologies and Products Mr. Kentaro Togo (SIBATA SCIENTIFIC TECHNOLOGY LTD.)
17:15 - 17:25	5-6 	Introduction of Technologies and Products Mr. Masahiro Nouchi (SYSTEM ENG SERVICE Co., Ltd.)
17:25 - 17:45	5-7 	Panel Discussion
Session 6		
17:45 - 18:15	6-0 	Integrated Use of Satellite Data for Addressing Global Challenges Led by the Private Sector Moderator: Mr. Kohei Muto (Double Feather Partners)
	6-1 	Introduction of Technologies and Products Mr. Akihiko Kuze (Axelspace Corporation)
	6-2 	Introduction of Technologies and Products Ms. Tamao Toda (Space Shift Inc.)
	6-3 	Introduction to a Collaboration Platform for the Space Industry in Emerging Markets Ms. Saki Miyazaki (cross U)
18:15 - 18:20	7-0 	Closing Remarks Ms. Siwaporn Rungsriyanon (ACAP)