

## **Toward an Integrated Approach to Co-benefits in Asia: Building Bridges and Making Connections**

Institute for Global Environmental Strategies (IGES)  
as the Japan Committee for IIASA Secretariat

### **1. Introduction**

The Japan Committee for International Institute for Applied Systems Analysis (IIASA) was established in 1972 to facilitate collaboration between researchers in IIASA and Japan. Since 2012, part of this collaboration has been in the form of a workshop aimed at strengthening the links between scientific and policy research on co-benefits, especially in Asia. For instance, last year's workshop concluded with the following key messages:

- Rather than starting with a climate change perspective on co-benefits, air pollution control may be a good point of departure for Asia's approach to co-benefits.
- The air pollution perspective on co-benefits is particularly important in the case of tropospheric ozone (O<sub>3</sub>). In contrast to concentrating on methane (CH<sub>4</sub>) to mitigate O<sub>3</sub>, non-methane precursors (namely NO<sub>x</sub> and VOCs) play a greater role in ozone formation in Asia
- While other socioeconomic benefits are the main driver of climate actions, in some countries in Asia climate change is becoming an important motivation for action.

As these messages imply, there is a growing awareness of an integrated approach to air pollution and climate change policy in Asia. However, there is still considerable debate over how such an approach would be designed and implemented in the region. The purpose of this workshop is to begin to build bridges and make connections between researchers and policymakers to better define and operationalize an integrated approach in Asia.

This workshop will therefore consist of a series of panels that aim to make these connections. The workshop will begin with an opening session that highlights what we have learned about co-benefits and where we need to go. It will then follow with three panels on possible ways linking science and policy on co-benefits. It will conclude with panel discussion involving the four chairs from the three sessions that aim to synthesize the recommendations in the session into an integrated approach to co-benefits in Asia

### **2. Objectives**

- 1) To discuss an integrated approach to co-benefits in Asia
- 2) To determine how gap between and among policymakers and researchers can be reconciled by an integrated approach in Asia
- 3) To identify pragmatic alternatives for overcoming these difficulties

### **3. Schedule**

Date & Time	March 6, 2014: 9:30 - 16:30 March 7, 2014: 9:15 - 11:50
Venue	Pacifico Yokohama (1-1-1 Minato Mirai, Nishi-ku, Yokohama, 220-0012, Japan) <a href="http://www.pacifico.co.jp/english/facility/accessmap.html">http://www.pacifico.co.jp/english/facility/accessmap.html</a>
Organisers	Ministry of the Environment Japan Institute for Global Environmental Strategies (IGES)
Collaborator	The Japan Committee for the International Institute for Applied Systems Analysis (IIASA)

## Toward an Integrated Approach to Co-benefits in Asia: Building Bridges and Making Connections

6-7 March 2014 at Pacifico Yokohama, Yokohama, Japan

Organised by  
Ministry of the Environment, Japan and Institute for Global Environmental Strategies (IGES), Japan  
Collaborated with  
The Japan Committee for International Institute for Applied Systems Analysis (IIASA)

### - Agenda -

<b>Day 1: 6 March 2014 (Thursday)</b>	
<b>9:30 - 9:45</b>	<b>Registration</b>
<b>9:45 - 10:00</b>	<b>Welcome Remarks</b> <ul style="list-style-type: none"> <li>- Ms. Masako Ogawa, Ministry of the Environment, Japan</li> </ul> <b>Introduction of Participants</b>
<b>Session 1: Progress in Atmospheric Science and Modelling</b> <span style="float: right;"><b>Chair: Prof. Katsunori Suzuki</b></span>	
<b>10:00 - 12:00</b>	<b>Outcome of IIASA-S-7-3 collaboration</b> <ul style="list-style-type: none"> <li>- Dr. Hajime Akimoto, ACAP, Japan</li> </ul> <b>Introduction of IPCC WG1 AR5 and S-12 project</b> <ul style="list-style-type: none"> <li>- Dr. Toshihiro Takemura, Kyushu University, Japan</li> </ul> <b>Progress of S-7-2: Improvement of Emission Inventories and Development of Emission Scenarios for Air Pollutants in East Asia</b> <ul style="list-style-type: none"> <li>- Dr. Junichi Kurokawa, ACAP, Japan</li> </ul>
<b>11:00 - 11:15 Coffee Break</b>	
	<b>Progress of S-7-1: Quantification of Ozone and Aerosol Pollution in East Asia and the Hemisphere</b> <b>Synthesizing Numerical Modeling and Observation</b> <ul style="list-style-type: none"> <li>- Dr. Tatsuya Nagashima, NIES, Japan</li> </ul> <b>Asia MERGE model</b> <ul style="list-style-type: none"> <li>- Prof. Junsen Asuka, Tohoku University, Japan</li> </ul> <b>Discussions</b>
<b>12:00 - 13:00 Lunch</b>	
<b>Session 2: Promotion on Co-benefits (1)</b> <span style="float: right;"><b>Chair: Dr. Eric Zusman</b></span>	
<b>13:00 - 14:45</b>	<b>Japanese strategy to promote co-benefits in Asia</b> <ul style="list-style-type: none"> <li>- Ms. Masako Ogawa, Ministry of the Environment, Japan</li> </ul> <b>Progress on ABC Asia and UNEP strategy</b> <ul style="list-style-type: none"> <li>- Mr. Mylvakanam Iyngararasan, UNEP ROAP</li> </ul> <b>CAA strategy</b> <ul style="list-style-type: none"> <li>- Ms. Kaye Patdu, CAA</li> </ul> <b>European perspectives on Co-benefits and SLCPs</b> <ul style="list-style-type: none"> <li>- Dr. Kevin Hicks, GAPF</li> </ul> <b>Discussions</b>
<b>14:45 - 15:00 Coffee Break</b>	
<b>Session 3: Promotion on Co-benefits (2)</b> <span style="float: right;"><b>Chair: Dr. Markus Amann</b></span>	
<b>15:00 - 16:30</b>	<b>Progress in Asian Co-benefits Partnership (ACP)</b> <ul style="list-style-type: none"> <li>- Dr. Eric Zusman, ACP Secretariat/IGES, Japan</li> </ul> <b>China's co-benefits approach</b> <ul style="list-style-type: none"> <li>- Dr. Kebin He, Tsinghua University, China</li> </ul> <b>Indonesia's co-benefits approach</b> <ul style="list-style-type: none"> <li>- Ms. Noor Rachmaniah, Ministry of Natural Resources and Environment, Indonesia</li> </ul> <b>Discussions</b>

**Day 2: 7 March 2014 (Friday)**

**Session 4: Future Strategy on Better Air Quality in Asia**

**Chair: Mr. Hideyuki Mori**

**9:15 - 10:45**

**Japanese proposal for better air quality in Asia, include ASPAC and Ad Hoc High-level Scientists Meeting on Air Pollution and Climate in Asia**

- *Dr. Hajime Akimoto, ACAP, Japan*

**Progress of GAINS application to China, Korea and other parts of Asia**

- *Dr. Markus Amann or Dr. Zbigniew Klimont, IIASA*

**Discussions on future collaboration between Japan and IIASA**

**10:45- 11:00 Coffee Break**

**11:00 - 11:50**

**Wrap-up of the discussions and development of conclusions**

- *All chairs: Prof. Katsunori Suzuki, Dr. Markus Amann, Mr. Hideyuki Mori, and Dr. Eric Zusman*

**Closing Remarks from Representative of IGES-IIASA Committee**

- *Dr. Kazuhiko Takemoto, Council Member, IIASA /Senior Advisor to Minister of the Environment*

**Closing Remarks**

- *Prof. Hironori Hamanaka, Chair of the Board of Directors, IGES*

**11:50 – 12:50 Lunch**

**\* Reception from 18:30 at Restaurante ATTIMO**

Pacifico Yokohama, Exhibition Hall 2F

[http://www.pacifico.co.jp/english/services/shops\\_attimo.html](http://www.pacifico.co.jp/english/services/shops_attimo.html)