

Bridging Atmospheric Science and Policy in Asia: Identifying Areas for Collaborative Research

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:

- Establishing Asian Science Panel on Air Quality (ASPAQ) (tentative title) has a considerable promise to achieve scientific consensus on benefits of air pollution control in Asia.
- The Greenhouse Gas and Air Pollution Interactions and Synergies (GAINS) model might help advance the work of ASPAQ because it is already being used in many countries in Asia but it was developed outside of Asia.
- Japan-IIASA collaboration could be further facilitated by strengthening connection with new initiatives on air pollution co-benefits such as ASPAQ. There may be more opportunities to use the IIASA-JAPAN committee and this workshop to engage with other research institutes in Japan and Asia on co-benefits.

As these messages imply, there is a growing need to strengthen the science-policy interface on atmospheric pollution. There is also an important opportunity for researchers from different institutes to share their findings on atmospheric pollution.

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 strengthen the interface between atmospheric science and policy in Asia.
- 2) To identify areas for collaboration between researchers based in Japan and other parts of the world.

3. Schedule

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| Date & Time | March 10, 2015 13:15 - 17:30 March 11, 2015 9:30 - 12:30 |
| Venue | Main Tower Aquamarine32, Main Tower 32F, Shinagawa Prince Hotel (10-30 Takanawa 4-chome, Minato-ku Tokyo, 108-8611 Japan) http://www.princehotels.com/en/shinagawa/map-direction |
| 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) |

Bridging Atmospheric Science and Policy in Asia: Identifying Areas for Collaborative Research

10-11 March 2015 at Shinagawa Prince Hotel, Tokyo, 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 -

| Day 1: 10 March 2015 (Tuesday) | |
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| 13:15 – 13:30 | Registration |
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| <i>Opening Session</i> | |
| <i>Chair: Dr. Naoko Matsumoto, IGES</i> | |
| Welcome Remarks from Representative of JAPAN-IIASA Committee | |
| 13:30 – 13:40 (5 min x 2) | <ul style="list-style-type: none"> - Dr. Kazuhiko Takemoto, Director, United Nations University-Institute for the Advanced Study of Sustainability (UNU-IAS) |
| Opening Remarks | |
| <ul style="list-style-type: none"> - Mr. Seiji Tsutsui, Ministry of the Environment, Japan (MOEJ) | |
| Photo session 13:40-13:50 | |
| <i>Session 1: Updates on Atmospheric Science</i> | |
| <i>Chair: Prof. Katsunori Suzuki, Kanazawa University</i> | |
| Outcome of IIASA - S-7-3 collaboration | |
| <ul style="list-style-type: none"> - Dr. Hajime Akimoto, Asia Center for Air Pollution Research(ACAP), Japan | |
| Progress of IIASA-IGES collaboration | |
| <ul style="list-style-type: none"> - Dr. Eric Zusman, Institute for Global Environmental Strategies (IGES) | |
| Progress on S-12 project related to short-lived climate pollutants | |
| <ul style="list-style-type: none"> - Dr. Toshihiko Masui, National Institute for Environmental Studies (NIES), Japan | |
| Progress on co-benefits research | |
| <ul style="list-style-type: none"> - Dr. Kenichi Wada, The Research Institute of Innovative Technology for the Earth(RITE), Japan | |
| 13:50- 16:00 (10 min/each +35 min discus.) | Outcome of research on co-benefit |
| <ul style="list-style-type: none"> - Prof. Jusen Asuka, Tohoku University, Japan | |
| 14:40 - 14:55 Break | |
| <i>Chair: Dr. Markus Amann, IIASA</i> | |
| Progress of ABC | |
| <ul style="list-style-type: none"> - Prof. Veerabhadran Ramanathan, University of California, San Diego (UCSD) | |
| Progress of GAINS application to China, Korea and other parts of Asia | |
| <ul style="list-style-type: none"> - Mr. Zbigniew Klimont, International Institute for Applied Systems Analysis(IIASA) | |
| Progress of Airpet | |
| <ul style="list-style-type: none"> - Prof. Nguyen Thi Kim Oanh, Asian Institute of Technology (AIT), Thailand | |
| Discussion | |
| 16:00 - 16:15 Coffee Break | |

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| Session 2: Scientific Assessments | | Chair: Mr. Iyngararasan Mylvakanam, UNEP-ROAP |
| 16:15 - 17:30 (10 min/each + 35 min discus.) | Progress with NEASPEC - <i>Dr. Sangmin NAM, UNESCAP East and North-East Asia Office (ENEA)</i> | |
| | Summary of Discussion on Science Panel - <i>Dr. Hajime Akimoto, ACAP, Japan</i> | |
| | LTP - <i>Prof. Young Joon Kim, Gwangju Institute of Science and Technology (GIST)</i> | |
| | EANET - <i>Dr. Supat Wangwongwatana, Regional Resource Centre for Asia and the Pacific (RRC.AP)</i> | |
| | Discussions | |
| Day 2: 11 March 2015 (Wednesday) | | |
| Session 3: Reflecting Science into Policy | | Chair: Mr. Hideyuki Mori, IGES |
| 9:30 - 11:00 (15 min/each + 45 min discus.) | Guidance Framework for Urban Air Quality - <i>Ms. Kaye Patdu, Clean Air Asia(CAA)</i> | |
| | Regional Assessment - <i>Dr. Eric Zusman, IGES</i> | |
| | Science and Policy experience in Europe including suggestion to Asia - <i>Dr. Markus Amann, IIASA</i> | |
| | Discussions on future collaboration between Japan and IIASA - <i>Discussion</i> | |
| | 11:00- 11:15 Coffee Break | |
| 11:15 – 12:30 (75min) | Wrap-up of the discussions and development of conclusions - <i>All chairs: Prof. Katsunori Suzuki, Dr. Markus Amann, Mr. Hideyuki Mori, and Dr. Eric Zusman</i> | |
| | Closing Remarks - <i>Mr. Hideyuki Mori, IGES</i> | |