

# **International Cooperation in East Asia to Address Climate Change**

Research Workshop Sponsored by the Harvard Project on Climate Agreements

September 27, 2017

Harvard Center Shanghai

## **Purpose and Motivation**

Three countries in East Asia (People’s Republic of China, Japan, Republic of Korea) together accounted for approximately 28% of global greenhouse-gas (GHG) emissions in 2013.<sup>1</sup> In addition, GHG emissions are increasing rapidly in the region. In order to address global climate change effectively, it is crucial that the countries of East Asia (as well, of course, as other large global emitters) design and implement effective climate-change policies – and work together in doing so. International cooperation can, if well designed and executed, increase policy effectiveness and reduce mitigation costs, hence allowing for increased mitigation ambition.

This workshop will examine the status of climate change policy in the countries of East Asia and of international cooperation to address climate change. Participants will also explore options for increased cooperation in the future. Attendees will consider potential linkage among emissions-trading systems – and among heterogeneous policy systems – as one possible form of international cooperation, and how the Paris Agreement – including Article 6 – might facilitate such cooperation in the region. Participants will then examine various non-market approaches to international cooperation.

Participants include social scientists (economists, political scientists) and legal scholars who have studied climate-change policy – as well as policy practitioners. Attendees are based in Japan, New Zealand, People’s Republic of China, Republic of Korea, Republic of Singapore, and the United States.

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<sup>1</sup> World Resources Institute, CAIT. Emissions including land-use change and forestry.

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## Agenda

All sessions at Harvard Center Shanghai; 5/F, Shanghai IFC-HSBC Building; 8 Century Avenue; Pudong, Shanghai; <https://shanghaicenter.harvard.edu>

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| <b>8:15 – 9:00</b>   | Breakfast available  |
| <b>9:00 – 9:20</b>   | Welcome, overview, and self-introductions<br><br>Robert STAVINS, Harvard University  |
| <b>9:20 – 10:05</b>  | Status and prospects for domestic climate-change policy and international cooperation in East Asia:<br><br>Takashi HONGO, Mitsui Global Strategic Studies Institute (Japan)<br>ZHANG Xiliang, Tsinghua University (People's Republic of China)<br>Joojin KIM, Solutions for Climate Change (Republic of Korea) |
| <b>10:05 – 10:35</b> | Responses<br><br>Valerie KARPLUS, Massachusetts Institute of Technology<br>CJ PARK, EU-Korea ETS Project<br>QIAN Guoqiang, SinoCarbon  |
| <b>10:35 – 11:00</b> | Break  |
| <b>11:00 – 11:45</b> | Discussion   |
| <b>11:45 – 12:45</b> | Lunch  |
| <b>12:45 – 13:15</b> | Heterogeneous linkage and the Paris Agreement<br><br>Michael MEHLING, Massachusetts Institute of Technology<br>Robert STAVINS, Harvard University  |
| <b>13:15 – 13:35</b> | Responses<br><br>Lingshui MO, Asian Development Bank<br>Shiro TAKEDA, Kyoto Sangyo University  |
| <b>13:35 – 14:00</b> | Discussion   |

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## Agenda (cont.)

- 14:00 – 14:10** Possible future linkage among emissions trading systems in East Asia  
Hyungna OH, Kyung Hee University
- 14:10 – 14:20** Status and prospects for the Paris Agreement’s Article 6: Implications for cooperation in East Asia  
Suh-Yong CHUNG, Korea University
- 14:20 – 14:30** Response  
TENG Fei, Tsinghua University
- 14:30 – 15:00** Discussion
- 15:00 – 15:15** Break
- 15:15 – 15:30** Cooperation and emissions price harmonisation without linking: prospects for “climate teams” in East Asia  
Suzi KERR, Motu Economic and Public Policy Research
- 15:30 – 16:00** Non-market approaches to cooperation in East Asia  
CHAI Qimin, National Center for Climate Change Strategy and International Cooperation  
Philip ANDREWS-SPEED, National University of Singapore  
ZHANG Junjie, Duke-Kunshan University
- 16:00 – 16:45** Discussion
- 16:45 – 17:00** Conclusions, next steps, close