

1st Announcement, 19 May 2008



7th ASIAFLUX Workshop



Re-thinking Global Change Science: From Knowledge to Policy

17-19 November 2008, Seoul, Korea

In many parts of the world already facing unreliable food and energy supplies, the future stress for people, plants and soil is aggravated by an uncertain climate and its coupling with biogeochemical cycles of carbon and water. In recognition of the significant contribution and urgency, the Nobel Peace Prize for 2007 was awarded to science, Intergovernmental Panel on Climate Change (IPCC). Yet, claims are fuelling controversy that IPCC has seriously underestimated the challenge and costs of stabilizing greenhouse-gas emissions in the 21st century. Global energy consumption continues to grow, producing more greenhouse gases and squeezing already scarce water resources. Truly, we are standing at the crossroads where the risks can be minimized by developing and transferring the right scientific knowledge to society. Maintaining a basic research program and interaction between science and policy is critical for success.

During 17-19 November 2008, the AsiaFlux celebrates its 10 years' science, service & stewardship by hosting 7th International Workshop (entitled "Re-thinking Global Change Science: From Knowledge to Policy") at the Press Center in Seoul, Korea. The "AsiaFlux" is a science community with a mission to "bring Asia's key ecosystems under observation to develop and transfer scientific knowledge to ensure quality and sustainability of life". It is one of the GEOSS components and the Asian arm of the global FLUXNET which has been one of the critical assets of IPCC reports and global change science.

The workshop is co-hosted by "CarboEastAsia", a subset of the A3 Foresight Program that has been implemented to support international collaboration among global change scientists from China, Japan and Korea. "CarboEastAsia" is aiming for the capacity building among ChinaFlux, JapanFlux and KoFlux to cope with climate change protocols by synthesizing measurement, theory and modeling in quantifying and understanding of carbon fluxes and storages in East Asia. The workshop will provide a great opportunity for scientists, policy-makers and the public to better understand the latest scientific achievements, and to help develop educational, technical, and socio-economic resolutions to prevent and mitigate the risk of human-induced climate change associated with carbon, water and energy cycle in Asia.

Joon Kim
7th AsiaFlux International Workshop
2008 Seoul Workshop Chairperson

Date and Venue

- Date: 17-19 November 2008
- Venue: Seoul Press Center, Seoul, Korea

Program (tentative)

- **Welcoming Session**
 - Welcoming Address from the AsiaFlux Chair
 - Welcoming Address from Celebrities
- **Opening Session: *AsiaFlux Celebrates 10 Years of Science, Service and Stewardship***
 - History of AsiaFlux
 - Vision Casting
 - Appreciation for Contributors
- **National & Regional Report Session: *Partnership in Observation & Capacity Building***
 - Reports from countries and networks in AsiaFlux
 - Reports from FLUXNET and other regional networks
- **Special Sessions: *AsiaFlux Contribution to Global Communities***
 - CarboEastAsia: Quantification & understanding of carbon flux and storages in East Asia
 - HydroKorea: Sustainable water resource development under changing climate
 - Asian Carbon Trackers' Society (ACTS): From implications to applications
- **Oral Sessions: *AsiaFlux Contribution to Global Change Sciences***
 - Observation of energy, water and carbon cycles in Asia's key ecosystems
 - Understanding of climate feedbacks, natural and anthropogenic drivers on carbon and water exchanges
 - Inter-disciplinary approaches and data-theory-model synthesis & assessment
- **Poster Sessions: *topics related to special & oral sessions***

Schedules and Important Deadlines

- 19 May 2008 First Announcement
- 15 June 2008 Second Announcement
 Opening on-line registration
- 31 August 2008 Deadline of Abstract Submission
- 30 September 2008 Deadline of registration and payment

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Organizer

- AsiaFlux Workshop 2008 Organizing Committee
- AsiaFlux Workshop 2008 Local Organizing Committee

Hosts

- AsiaFlux
- KoFlux
- Yonsei University, Korea

Sponsors

- Japan Society for the Promotion of Science(JSPS)
- Korea Meteorological Administration(KMA)
- Korea Science and Engineering Foundation(KOSEF)
- National Institute of Meteorological Research(METRI)
- National Natural Science Foundation of China(NSFC)
- Sustainable Water Resources Research Center(SWRRC)

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