



First Circular

International Workshop on “Inventory, Modeling and Climate Impacts of Greenhouse Gas emissions (GHG’s) and Aerosols in the Asian Region”

Date: June 26-28, 2013

Venue: Tsukuba International Conference Center (EPOCHAL Tsukuba),
Conference room 406
(2-20-3, Takezono, Tsukuba, Ibaraki, 305-0032, Japan)

<http://www.epochal.or.jp/eng/index.html>

Hosting: NIES (National Institute for Environmental Studies), Japan
GOFC/START, USA

Supporting(tentative): ACAP (Asia Center for Air Pollution Research), Japan

Convener: Toshimasa Ohara (NIES) *tohara@nies.go.jp*

Krishna Prasad Vadrevu (UMCP) *Krishna@hermes.geog.umd.edu*



Image credits: ACAP.

International Workshop on
“Inventory, Modeling and Climate Impacts of Greenhouse Gas
emissions (GHG’s) and Aerosols in the Asian Region”
(June 26-28, 2013; Tsukuba, Japan)

1. Background and Aim

Greenhouse gas (GHG) and short lived climate pollutants (SLCP) emissions from the Asian region have been increasing continuously due to rapid population growth and industrial activities. Quantification of GHG’s and SLCP from different sources in Asia and understanding their climate impacts is an important task requiring integration of both top-down (satellite remote sensing) and bottom-up (ground based) approaches including modeling. Through involving GOF-C-GOLD - Southeast Asia Regional Research and Information Network (SEARRIN) linked with other international and Japanese projects (such as EANET and ERTDF S-7 Project), we envisage to achieve the following objectives: a). review GHG and SLCP emission estimates and methodologies from different sources including biomass burning in the Asian region; b). understand the impact of GHG’s and aerosols on local climate; c). explore the potential of satellite remote sensing datasets for quantifying biomass burning pollutants, aerosols and pollution episodes; d). review inverse modeling approaches for characterizing emissions; e). strengthen the GOF-C SEARRIN activities in the region through identifying new point of contact for the network.

2. Date: June 26-28, 2013

3. Venue: Tsukuba International Conference Center (EPOCHAL Tsukuba),
Conference room 406
(2-20-3, Takezono, Tsukuba, Ibaraki, 305-0032, Japan)
<http://www.epochal.or.jp/eng/index.html>

4. Subjects:

- Anthropogenic Emission Inventories in Asia
- Earth Observation Programs in Land Cover/Land Use/Air Pollution/GHG Emissions and Coordination Activities
- Biomass Burning Emissions
- Aerosols, Climate Change and Air Quality

5. Presentation:

Invited talks (20-30 minutes; around 40 talks)

6. Language: English

7. Expected number of participants: Around 100 participants

8. Organization:

Hosting: NIES (National Institute for Environmental Studies), Japan
GOFC/START, USA

Supporting (tentative):

ACAP (Asia Center for Air Pollution Research), Japan

9. Program (tentative):

Wednesday, June 26th, 2013

13.00 - 13:15 Welcoming remarks
13.15 - 13:30 Objectives of the Meeting
13.30 - 14:30 Plenary speech (1), (2)
14:30 - 18:00 ***I. Session topic: Anthropogenic emission inventories in Asia***
18.00 Adjourn

Thursday, June 27th, 2013

9.00 - 12.40 ***II. Session topic: Earth Observation Programs in Land Cover/Land Use/Air Pollution/GHG emissions and Coordination Activities***
12.40 - 13.30 Lunch
13.30 - 18.00 ***III. Session topic: Biomass burning emissions***
18.00 Adjourn

Friday, June 28th, 2013

9.00 - 12.30 ***IV. Session topic: Aerosols, Climate Change and Air Quality***
12.30 - 13.30 Lunch
13.30 - 15.40 (to be continued)
15.40 Adjourn

10. Convener of the workshop:

Toshimasa Ohara, Dr.

Director, Center for Regional Environmental Research

National Institute for Environmental Studies (NIES)

16-2 Onogawa, Tsukuba, 305-8506, Japan

Phone: 81-29-850-2491 Fax: 81-29-850-2569 E-mail : tohara@nies.go.jp

Krishna Prasad Vadrevu, Dr.

Associate Research Professor

GOFC-GOLD Fire IT Executive Officer

Department of Geographical Sciences

University of Maryland College Park (UMCP)

4321 Hartwick Road, Suite 209, College Park, Maryland, 20740, USA

Phone: 1-330-234-0387 Fax: 1-301-405-6806

Email: Krishna@hermes.geog.umd.edu