

The 13th AIM International Workshop

16-18, February 2008
At Ohyama Memorial Hall
National Institute for Environmental Studies, 305-8506, Tsukuba, Japan

February 16 (Saturday)

9:00-18:30 Informal Meetings

19:00 Reception

February 17 (Sunday)

9:00-9:20 Session I Opening

(Chairperson Dr. T. Masui)

9:00-9:20 Welcome Address and AIM Activities
Dr. M. Kainuma (NIES, Japan)

9:20-10:40 Session II LCS (Low Carbon Society) Project

(Chairperson Dr. J. Fujino)

9:20-9:40 Introduction of LCS: Outputs of 3rd LCS workshop and next steps
Dr. J. Fujino (NIES, Japan)

9:40-10:00 LCS Scenario in China
Dr. K. Jiang (ERI, China)

10:00-10:20 LCS Scenario in India
Prof. P. R. Shukla (IIM, India)

10:20-10:40 LCS Scenario in Thailand
Prof. R. Shrestha (AIT, Thailand)

10:40-11:00 Coffee Break

11:00-12:00 Session III Roadmap toward LCS

(Chairperson Dr. J. Fujino)

11:00-12:00 Panel Discussions on Roadmap toward LCS
Panelists: Dr. K. Jiang (China), Prof. P.R. Shukla (India),
Prof. R. Shrestha (Thailand), Prof. C.S. Ho (Malaysia),
Dr. A. S. Pereira (Brazil), Dr. R. Boer (Indonesia),
Prof. Y. Matsuoka (Japan), Prof. K. Shimada (Japan), and
Mr. C. Park (Korea)

12:00-13:00 Lunch Break

13:00-15:10 Session IV Emission Inventory and Modelling

(Chairperson Dr. M. Kainuma)

- 13:00-13:20 Emissions Inventory and Modeling Applications for China
 Prof. X. Hu and Dr. K. Jiang (ERI, China)
- 13:20-13:40 Emissions Inventory and Modeling Applications for India
 Prof. P. R. Shukla (IIM, India)
- 13:40-14:00 Emissions Inventory and Modeling Applications for Thailand
 Prof. R. Shrestha (AIT, Thailand)
- 14:00-14:20 Emissions Inventory and Modeling Applications for Korea
 Mr. C. Park and Prof. D. Lee (Seoul Nat. Univ., Korea)
- 14:20-14:50 Discussions

14:50-15:00 Coffee Break

15:00-15:50 Session V Environmental Modelling

(Chairperson Dr. T. Masui)

- 15:00-15:20 Emission Inventory of Air Pollutants for East Asia and Regional Air
 Quality Modeling
 Prof. G. Kurata (Kyoto University, Japan)
- 15:20-15:40 Development of Iron Stock & Flow Model in Japan and China
 Ms. R. Kawase (Kyoto University, Japan)
- 15:40-15:50 Discussions

15:50-16:00 Coffee Break

16:00-18:10 Session VI AIM Model Development and New Scenarios

(Chairperson Prof. P. R. Shukla)

- 16:00-16:20 Model for Future Scenario Development
 Dr. T. Masui (NIES, Japan)
- 16:20-16:40 Modeling in Developing Countries
 Prof. P.R.Shukla (IIM, India)
- 16:40-17:20 Future AIM Modelling
 Prof. Y. Matsuoka (Kyoto University, Japan)
- 17:20-18:10 Discussions

18:30 Departure of bus to Okura Frontier Hotel Tsukuba

February 18 (Monday)

9:30-10:40 Session VII Impact Modelling 1

(Chairperson Dr. H. Harasawa)

- 9:30-9:50 Impact Assessment of Vegetation by Climate Change in Korea
Mr. J. Kim and Prof. D. Lee (Seoul Nat. Univ., Korea)
- 9:50-10:10 The Database on the Research of Global Change in China
Prof. Z. Li and Dr. S. You (IGSNRR, China)
- 10:10-10:30 IPCC AR4 and Impact Study in India
Dr. M. Lal (Reliance Energy Ltd., India)
- 10:30-10:40 Discussions

10:40-10:50 Coffee Break

10:50-12:00 Session VIII Impact Modelling 2

(Chairperson Dr. H. Harasawa)

- 10:50-11:05 AIM Impact Modeling
Dr. K. Takahashi (NIES, Japan)
- 11:05-11:20 Agriculture Modeling
Dr. Y. Masutomi (NIES, Japan)
- 11:20-11:35 Modeling Activities on Global Water Resources
Dr. N. Hanasaki (NIES, Japan)
- 11:35-11:50 AIM/Impact Policy (Impact function)
Dr. Y. Hijioka (NIES, Japan)
- 11:50-12:00 Discussions

12:00-13:00 Lunch Break

13:00- 14:10 Session IX Emission Modelling 1

(Chairperson Dr. T. Masui)

- 13:00-13:20 GHG Reduction Potential
Dr. T. Hanaoka (NIES, Japan)
- 13:20-13:40 Projection of World Socio-economic and Industrial Activities for
AIM/Enduse [Global]
Mr. O. Akashi (Kyoto University, Japan)
- 13:40-14:00 CGE Linkage with AIM/Enduse: Assessing Energy Intensity Reduction
Target in China
Dr. Y. Xu (NIES, Japan)
- 14:00-14:10 Discussions

14:10-14:20 Lunch Break

14:20- 15:30 Session X Emission Modelling 2

(Chairperson Dr. T. Masui)

- 14:20-14:40 Creating Global Database for Economic and Energy Modeling
Mr. S. Fujimori (Kyoto University, Japan)
- 14:40-15:00 Estimation of Key Parameters for CGE Models
Dr. A. Okagawa (NIES, Japan)
- 15:00-15:20 Proposal of Household Economy-environment Accounts by Household
Type

Dr. Y. Kanamori (NIES, Japan)
15:20-15:30 Discussions

15:30-15:40 Coffee Break

15:40- 17:20 Session XI Emission Modelling 2

(Chairperson Dr. K. Jiang)

15:40-16:00 Advanced LCS Model: Extended Snapshot
Mr. G. Hibino (MHIR, Japan)

16:00-16:20 Development of Extended Snapshot Tool and Application to Regional
LCS scenario

Mr. K. Gomi (Kyoto University, Japan)

16:20-16:40 Advanced LCS Model: Backcast Modeling
Dr. S. Ashina (NIES, Japan)

16:40-17:00 Assessment of the Global Technical Potential of Solar and Wind Energy
Using Geographic Information System
Dr. T. Ikegami (NIES, Japan)

17:00-17:20 Discussions

17:20-17:30 Session XII Closing

(Chairperson Prof. P. R. Shukla)

17:20-17:30 Closing Address
Dr. H. Harasawa (NIES, Japan)

18:00 Departure of bus to Okura Frontier Hotel Tsukuba