

The 14th AIM International Workshop

February 14-16, 2009

Ohyama Hall

National Institute for Environmental Studies (NIES), Tsukuba, Japan

February 14 (Saturday)

Informal Meeting

February 15 (Sunday)

9:00-10:10 Session I: Introduction and AIM Modeling
(Chairperson Dr. H. Harasawa)

9:00-9:10 Welcome Address and Objectives
Dr. M. Kainuma (NIES, Japan)

9:10-10:10 Future AIM Modeling
Prof. Y. Matsuoka (Kyoto Univ., Japan)

10:10-10:20 Coffee Break

10:20-11:50 Session II: LCS Scenarios (1)
(Chairperson Dr. J. Fujino)

10:20-10:40 LCS Scenario: China
Prof. X. Hu and Dr. K. Jiang (ERI, China)

10:40-11:00 LCS Scenario: India
Prof. P. Shukla (IIM, India)

11:00-11:20 LCS Scenario: Thailand
Prof. R. Shrestha (AIT, Thailand)

11:20-11:40 LCS Scenario: USA
Dr. J. Edmonds (PNNL, USA)

11:40-11:50 Discussions

11:50-12:00 Photo Session

12:00-13:00 Lunch

13:00-14:40 Session III: LCS Scenarios (2)
(Chairperson Prof. G. Kurata)

13:00-13:20 LCS Scenario: Korea
Mr. C. Park and Prof. D. Lee
(Seoul Nat.Univ., Korea)

- 13:20-13:40 LCS Scenario: Brazil
Mr. W. Wills (UFRJ, Brazil)
- 13:40-14:00 LCS Scenario: Indonesia
Dr. R. Boer (Bogor Agricultural Univ., Indonesia)
- 14:00-14:20 Regional LCS Scenario
Mr. K. Gomi (Kyoto Univ., Japan)
- 14:20-14:40 Discussions
- 14:40-15:00 Coffee Break**
- 15:00-16:10 Session IV: Environmental Modeling (1)**
(Chairperson Dr. K. Jiang)
- 15:00-15:20 Backcast Model
Dr. S. Ashina (NIES, Japan)
- 15:20-15:40 A Dozen of Actions
Mr. T. Ehara (MHIR, Japan) and Ms. Y. Iwabuchi
(NIES, Japan)
- 15:40-16:00 GHG Emissions and Mitigation Potentials in Agriculture
Ms. T. Hasegawa (Kyoto Univ., Japan)
- 16:00-16:10 Discussions
- 16:10-16:25 Coffee Break**
- 16:25-17:55 Session V: Environmental Modeling (2)**
(Chairperson Dr. R. Sands)
- 16:25-16:45 Future Estimation of Iron Stock & Flow in Japan and China
Ms. R. Kawase (Kyoto Univ., Japan)
- 16:45-17:05 Co-benefits of LCS
Prof. G. Kurata (Kyoto Univ., Japan)
- 17:05-17:25 Hydrological Effects of Climate Change on the Korean
Peninsula
Mr. H. Jung (Koto Univ., Japan)
- 17:25-17:45 Emission Inventory and Modeling in Tailand
Prof. R. Shrestha (AIT, Thailand)
- 17:45-17:55 Discussions
- 18:30-20:15 Reception**
- 20:15 Departure of Bus to Okura Frontier Hotel Tsukuba Epochal**

February 16 (Monday)

9:30-12:00 Session VI: Impact Modeling
(Co-ordinated by Dr. K. Takahashi and Dr. Y. Hijioka)

Part 1: Multi-sectoral Impact Assessment in Integrated Models

9:30-10:00 Improvement of AIM/Impact[Policy]
Dr. Y. Hijioka (NIES, Japan)

10:00-10:30 Introduction to SimCLIM - an Integrated Model System for
Climate Change Impact Assessment
Dr. W. Ye (Univ. of Waikato, New Zealand)

10:30-10:40 Coffee Break

Part 2: Digests of Impact/Adaptation Studies in AIM

10:40-11:00 Research Activities of AIM/Impact Team in Japan
Dr. K. Takahashi (NIES, Japan)

11:00-11:10 Introduction of EU-WATCH Global Water Resources Model
Intercomparison Project
Dr. N. Hanasaki (NIES, Japan)

11:10-11:20 Development of a Lookup Table of Climate Change Impact on
National Water Resources
Dr. N. Hanasaki (NIES., Japan)

11:20-11:30 Improvement and Application of Crop Productivity Model
Dr. Y. Masutomi (NIES, Japan)

11:30-12:00 The Dynamic Changes of Soil Moisture in Loess Plateau
between 1961-2000 and under Climate Changes
Dr. S. You and Prof. Z. Li (IGSNRR, China)

12:00-13:00 Lunch

13:00-14:55 Session VIII: Scenario Studies
(Chairperson Prof. P. Shukla)

13:00-13:25 Policy Implication
Dr. S. Nishioka (IGES, Japan)

13:25-13:45 GHG Reduction Potential and Socio-economic Impact,
Dr. T. Masui (NIES, Japan), Dr. T. Hanaoka (NIES,
Japan) and Mr. G. Hibino (MHIR, Japan)

13:45-14:05 Prediction of forest vegetation distribution; based on
landcover change
Ms. H. Choe, Mr. J. Kim and Prof. D. Lee
(Seoul Nat.Univ., Korea)

14:05-14:25 Developing a LCS: Actions for Building sector in India
Dr. Aashish Deshpande (MANIT, India)

14:25-14:45 Lifestyle Model
Dr. Y. Kanamori (NIES, Japan)

14:45-14:55	Discussions
14:55-15:10	Coffee Break
15:10-17:20	Session IX: Environmental Modeling (3) (Chairperson Dr. Y. Kanamori)
15:10-15:30	Activities of Integrated Assessment Modeling Consortium (IAMC) Dr. M. Kainuma (NIES, Japan)
15:30-15:50	Outline of global modeling and AIM results of Representative Concentration Pathway (RCP) Dr. K. Matsumoto (NIES, Japan)
15:50-16:10	Energy Future and Policies: AIM-China Activities Prof. X. Hu and Dr. K. Jiang (ERI, China)
16:30-16:50	Multi-gas Emissions Inventory of India: Disaggregated Region & Sector Trends till 2008 Prof. P. Shukla (IIM, India)
16:30-16:50	Economic Comparison of Greenhouse Gas Mitigation Option in Germany Dr. R. Sands (USA)
16:50-17:10	Renewable Energy Dr. T. Ikegami (NIES, Japan)
17:10-17:20	Discussions
17:20-17:30	Concluding Remarks Dr. M. Kainuma (NIES, Japan)
18:00	Departure of Bus to Okura Frontier Hotel Tsukuba Epochal