

The 16th AIM International Workshop

Date: February 19-21, 2011

Venue: Climate Change Research Hall at National Institute for Environmental Studies (NIES)

Program Overview

| | Feb 19 (Sat) | Feb 20 (Sun) | Feb 21 (Mon) |
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| | Welcome Address | | |
| Morning 1 | Overview of AIM activities | Asia LCS | Research meeting (I) |
| Morning 2 | Modeling | LCS | |
| | Lunch | Lunch | Lunch |
| Afternoon 1 | Modeling (Cont'd) | LCS – Next step Panel discussion | Research meeting (II) |
| Afternoon 2 | Impact | Kainuma-san session Presentation & Panel | Research meeting (III) |
| 18:30-20:30 | Reception | Dinner | |

February 19

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| 9:00-10:30 | Plenary Session 1: Welcome address and Overview of AIM activities Chair: Dr. Hideo Harasawa |
| 9:00- 9:10 | Opening remarks Prof. Yoshifumi Yasuoka (NIES) |
| 9:10- 9:20 | Welcome address Dr. Mikiko Kainuma (NIES) |
| 9:20- 9:30 | Policy arena Mr. Yutaka Matsuzawa (Ministry of the Environment, Japan) |
| 9:30-10:10 | AIM activity Prof. Yuzuru Matsuoka (Kyoto University) |
| 10:10-10:30 | Discussion |
| 10:30-10:45 | Break |
| 10:45-12:20 | Plenary session 2: Modeling Chair: Dr. Toshihiko Masui |
| 10:45-10:50 | Overview of this session Dr. Toshihiko Masui (NIES) |

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| 10:50-11:10 | Japan Roadmap Prof. Shuzo Nishioka (NIES) |
| 11:10-11:30 | Development of AIM/Enduse model and element models and application to global and national analyses in the mid-term transition scenarios Tatsuya Hanaoka, Osamu Akashi, Yuko Kanamori (NIES), Tomoko Hasegawa (KU), Go Hibino, Kazuya Fujiwara ³ , Yuko Motoki (Mizuho Information & Research Institute), Mikiko Kainuma (NIES) and Yuzuru Matsuoka (KU) |
| 11:30-11:50 | AIM/CGE for global and country analysis Dr. Toshihiko Masui, Dr. Azusa Okagawa, Dr. Kenichi Matsumoto, Dr. Shinichiro Fujimori and Mr. Hancheng Dai (NIES) |
| 11:50-12:05 | Scenarios for the control of ozone precursors in China Prof. Xu Jiayu and Dr. Zhao Bin (Tsinghua University) |
| 12:05-12:20 | Discussion |
| 12:20-13:20 | Lunch |
| 13:20-14:20 | Plenary session 2 (Cont'd) Chair: Prof. P.R. Shukla |
| 13:20-13:35 | Industrial structural change impact on energy demand and carbon dioxide emission: A case study of Dalian city Prof. Koji Shimada (Ritsumeikan University) |
| 13:35-13:50 | LCS activities in Brazil Dr. Luis Hashimura (Universidade Federal do Rio de Janeiro) |
| 13:50-14:05 | LCS scenario in Bhopal, India Prof. Aashish Deshpande (NIES/Maulana Azad National Institute of Technology, Bhopal) and Prof. Manmohan Kapshe (School of Planning and Architecture, Bhopal) |
| 14:05-14:20 | Discussion |
| 14:20-14:40 | Break |
| 14:40-17:30 | Plenary session 3: Impact Chair: Dr. Hideo Harasawa |
| 14:40-15:00 | Extreme precipitation event analysis based on GCM daily data Dr. Ye Wei (University of Waikato) |

- 15:00-15:20 The interaction between climate change and agriculture
 Prof. Li Zehui (Institute of Geographic Sciences and Natural
 Resources Research, China)
Establishment of Climate Changes Scenario from Extreme Climate Events
- Key Step to Access Climate Impacts on Agriculture in China
 Prof. You Songcai (Institute of Environment and Sustainable in
 Agriculture) and Prof. Li Zehui (IGSNRR)
- 15:20-15:40 The interaction between climate change and agriculture
 Dr. Jeon Seong Woo and Dr. Jung Huicheul (Korea Economic
 Institute)
- 15:40-15:55 Break
- 15:55-16:05 Overview of AIM Impact team activities
 Dr. Hideo Harasawa (NIES)
- 16:05-16:20 Regional impact assessment in Japan
 Dr. Yasuaki Hijioka and Dr. Eiko Suda (NIES)
- 16:20-16:35 Global impact modeling in AIM
 Dr. Kiyoshi Takahashi, Dr. Naota Hanasaki, Dr. Yasuaki Hijioka, Dr.
 Takahiro Yamamoto, Dr. Yonghee Shin (NIES), Dr. Yuji Masutomi
 (Center for Environmental Science in Saitama), Huicheul Jung (KEI)
- 16:35-16:55 Two examples of advanced global climate change impact assessment on
 water and agricultural sectors
 Dr. Naota Hanasaki, Dr. Takahiro Yamamoto, Dr. Yonghee Shin and Dr.
 Kiyoshi Takahashi
- 16:55-17:30 Overall Discussion
- 18:30-20:30 Reception
 Venue: Italia Daidokoro, Shimohara 481-2, Tsukuba

February 20

- 9:00-10:30 Plenary Session 4: Asia Low-Carbon Society
Chair: Prof. Gakuji Kurata
- 9:00-9:15 Asia LCS (S-6)
Dr. Junichi Fujino (NIES)
- 9:15-9:30 Development of LCS Scenario in Iskandar Malaysia (project under SATREPS research program)
Prof. Ho Chin-Siong (Universiti Teknologi Malaysia)
- 9:30- 9:45 LCS scenarios in China
Prof. Hu Xiulian and Dr. Jiang Kejun (Energy Research Institute, China)
- 9:45-10:00 Low-Carbon Roadmap for India (with case study of Ahmedabad City)
Prof P.R. Shukla (Indian Institute of Management, Ahmedabad)
- 10:00-10:15 Asia Low-Carbon Society: LCS scenario in Thailand
Mr. Artite Pattanapongchai and Prof. Bundit Limmeechokchai (Sirindhorn International Institute of Technology, Thammasat University)
- 10:15-10:30 Discussion
- 10:30-10:45 Break
- 10:45-12:00 Plenary Session 5: Low-Carbon World
Chair: Prof. Koji Shimada
- 10:45-11:00 LCS scenarios in Indonesia
Prof. Rizaldi Boer (Bogor Agricultural University) and Dr. Retno Gumilang Dewi (Institut Teknologi Bandung)
- 11:00-11:15 LCS scenario in Guangzhou, China
Ms. Huang Ying, Dr. Wang Peng and Prof. Zhao Daiqing (Guangzhou Institute of Energy Conversion)
- 11:15-11:30 LCS scenario in Ratchaburi, Thailand
Ms. Penwadee Cheewaphongphan, Prof. Savitri Garivait and Prof. Sirintornthep Towprayoon (The Joint Graduate School of Energy and Environment/King Mongkut's University of Technology Thonburi)
- 11:30-11:45 LCS scenario in Putrajaya, Malaysia
Ms. Wang Tze Wee and Mr. Azhar Othman (Putrajaya Corporation)
- 11:45-12:00 Discussion

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| 12:00-13:00 | Lunch |
| 13:00-14:30 | Plenary Session 6: Low-Carbon Society – Next step Chair: Prof. Shuzo Nishioka |
| 13:00-13:10 | The Role of Low-Carbon Society Research Network (LCS-RNet) Prof. Shuzo Nishioka and Ms. Kyoko Miwa (The Institute for Global Environmental Strategies) |
| 13:10-14:30 | Panel Discussion: 5min talk from each panelists and overall discussion Panelist: Prof. Zhao Daiqing (GIEC) Dr. Retno Gumilang Dewi (ITB) Dr. Hoang-Luong Pham (Hanoi University of Science and Technology) Ms. Thi Thuy Duong Nguyen (Institute of Strategy and Policy on Natural Resources and Environment) Prof. Tran Thuc (Institute of Meteorology, Hydrology and Environment) |
| 14:30-15:00 | Break (incl. Photo session) |
| 15:00-17:30 | Plenary Session 7: Kainuma-san Chair: Dr. Junichi Fujino |
| 15:00-15:20 | tbd Dr. James A. Edmonds (Pacific Northwest National Laboratory) |
| 15:20-15:50 | Presentation (tbd) Dr. Mikiko Kainuma (NIES) |
| 15:50-17:30 | Panel Discussion: 5min talk from each panelists and overall discussion “What we have done last 20 yrs, what we will do in next 20 yrs” Panelist: Prof. Lee Dong-Kun (Seoul National University) Prof. Ram M. Shrestha (Asian Institute of Technology) Dr. James A. Edmonds (PNNL) |
| 18:30-20:30 | Dinner (Fee: ¥2,000, Venue: Uotami at Days town) |