### Program Overview

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### February 19

**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**

**Plenary session 2: Modeling**  
Chair: Dr. Toshihiko Masui

- **10:45-12:20 Overview of this session**  
  Dr. Toshihiko Masui (NIES)
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 Fujiwara3, 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
   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 Pattanapongchais 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 Daqing (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
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)