

- 16:15-16:30 GHG mitigation in Thailand
Prof. Bundit Limmeechokchai (TU-SIIT, Thailand)
- 16:30-16:35 Discussion 1
- 16:35-16:50 Indonesia's low carbon development pathway 2050 -Power sector
Prof. Retno Gumilang Dewi and Prof. Ucok WR. Siagian (ITB, Indonesia)
- 16:50-17:05 Cities as platform for accelerating low carbon development in Malaysia
Prof. Chin Siong Ho (UTM, Malaysia)
- 17:05-17:20 Vietnam's NDC updates
Dr. Tung Lam Nguyen (ISPONRE, Vietnam)
- 17:20-17:35 Enhancement of NDCs in Nepal: GHG emission and other implications
Prof. Ram Manohar Shrestha (AIIT, Nepal)
- 17:35-17:50 Revisiting Taiwan's NDC target: The investigation on which policies are effective
Dr. Yi-Hua Wu (ITRI, Taiwan)
- 17:45-18:00 Discussion 2

DAY2: September 4, 2020

12:30 of JST	Open Zoom Account and Registration
12:50-12:55	Special Session
	Chairperson: Dr. Kiyoshi Takahashi (NIES, Japan)
12:50-12:55	Bonds with the AIM family Dr. Kanako Morita (FFPRI, Japan)
13:00-15:00	Session 3: Impact and Adaptation
	Chairperson: Dr. Kiyoshi Takahashi (NIES, Japan)
13:00-13:15	Bioenergy and deep decarbonization Dr. Ronald Sands (USDA, USA)
13:15-13:30	Global impact analyses of rice yield considering adaptation measures Dr. Masashi Okada (NIES, Japan)
13:30-13:45	Emulating process-based simulation of economic impacts of climate change Dr. Jun'ya Takakura (NIES, Japan)
13:45-14:00	Supporting customized decision making in prioritizing climate adaptation options for local governments in Korea Prof. Dong Kun Lee (SNU, Korea), Dr. Hui Cheul Jung (KEI, Korea) and Ms. Jung Hee Hyun (SNU, Korea)
14:00-14:15	Assessing uncertainty of climate change adaptation in 226 local entities in Korea through classification method Ms. Jaewan Kim, Prof. Tae Yong Jung, Mr. Jongwoo Moon and Mr. Joohyung Lee (Yonsei Univ., Korea)
14:15-14:30	Collaborative adaptation policy analyses in south-east Asian counties Dr. Yuji Masutomi (NIES, Japan)
14:30-14:45	Climate policy with natural resource management in Indonesia Prof. Rizaldi Boer (IPB, Indonesia)
14:45-15:00	Discussion
15:00-16:00	Break

16:00-17:00	Session 4
	Chairpersons: Dr. Toshihiko Masui (NIES, Japan) and Dr. Rahul Pandey (IGSA Lab., India)
16:00-16:05	Introduction of this session Dr. Toshihiko Masui (NIES, Japan)
16:05-16:25	New research projects at NIES
	(1) Global Analysis Dr. Kiyoshi Takahashi (NIES, Japan)
	(2) National Analysis Dr. Toshihiko Masui (NIES, Japan)
	(3) Local Analysis 1 Dr. Shuichi Ashina (NIES, Japan)
	(4) Local Analysis 2 Dr. Kei Gomi (NIES, Japan)
16:25-16:50	Research collaboration within AIM Dr. Toshihiko Masui (NIES, Japan) Prof. Bundit Limmeechokchai (TU-SIIT, Thailand), Prof. Hancheng Dai (Peking Univ., China) and Dr. Diego Silva Herran (NIES, Japan)
16:50-17:50	Discussion
17:50-18:00	Closing remarks Dr. Mikiko Kainuma (IGES and NIES, Japan)

Poster session

- (1) A research framework for global phosphorus demand projections in China using socioeconomic shared pathways
Prof. Jingyu Liu (Shanghai Jiaotong Univ., China)
- (2) Impact assessment of industrial structure adjustment on regional energy transition based on CGE Model
Mr. Songyan Ren (GIEC, CAS, China)
- (3) Research on the synergic effect of energy-environmental-climate constraints in urban development: A case study of Guangzhou
Dr. Yunsheng Xie (GIEC, CAS, China)
- (4) Impacts of air quality target in 2030 on climate change mitigation in Beijing
Dr. Pianpian Xiang (Peking Univ., China)
- (5) Impacts of climate change mitigation on agriculture water use: a provincial analysis in China
Mr. Chaoyi Guo (Peking Univ., China)
- (6) Efficiency standard & labeling as policy measures in the Indonesia's NDC and long term strategy: An End use modeling approach
Ms. Rias Parinderati and Ms. Rien Rakhmana (CREP-ITB, Indonesia)
- (7) Assessment of the energy efficiency and GHG emission reduction potential in Indonesia's iron and steel industry based on AIM/End-Use model
Prof. Retno G Dewi, Prof. Ucok Siagian, Ms. Gissa N Sevie, Ms. Sarah M Sitorus, Ms. Rias Parinderati, and Ms. Rien Rakhmana (CREP-ITB, Indonesia)
- (8) Explore mitigation potential in Indonesia's power sub-sector toward 2030 & 2050
Ms. Gissa Navira Sevie (CREP-ITB, Indonesia)
- (9) The effect of land-use and climate change on the bird's inhabitation in South Korea
Prof. Yongwon Mo (Yeungnam Univ., Korea)
- (10) Effects of green infrastructure for resilient cities as the catchment scale in urban area
Ms. Chaeyoung Bae (Seoul National Univ., Korea)
- (11) Simulating adaptation pathways according to decision-maker uncertainties
Ms. Jung Hee Hyun (Seoul National Univ., Korea)
- (12) Disaster risk management in coastal area using machine learning techniques
Mr. Sangjin Park (Seoul National Univ., Korea)
- (13) A case study of Thailand's cement industry to achieve the 1.5oC towards 2050
Mr. Puttipong Chunark (SIIT-TU, Thailand)
- (14) Achieving Thailand 2 degree in the energy sector towards 2050
Ms. Achiraya Chaichaloempreecha (SIIT-TU, Thailand)
- (15) Macroeconomic impacts of achieving 2 degree targets in Thailand
Ms. Salony Rajbhandari (SIIT-TU, Thailand)

- (16) Implications of biogas and electric cooking technologies in Nepal: A long-term analysis using AIM/Enduse model
Mr. Bijay Bahadur Pradhan (SIIT-TU, Thailand)
- (17) Preliminary assessment of generation mix in 2050 using power dispatch model with long-term chronological data
Dr. Hiroto Shiraki (The Univ. of Shiga Prefecture, Japan)
- (18) Impacts of electric vehicle penetration on energy consumption and emissions in China's transport sector up to 2050
Dr. Runsen Zhang (Hiroshima Univ., Japan)
- (19) Assessing Thailand socio-economic impact: a case study of peak emissions before 2050
Mr. Tanawat Boonpanya (Tokyotech, Japan)
- (20) Scenario-based analysis of electric vehicle penetration in road transportation in Laos
Mr. BounEua Khamphilavanh (Tokyotech, Japan)
- (21) Source attributions of radiative forcing by regions, sectors, and climate forcers
Dr. Xuanming Su (JASTEC, Japan)
- (22) Estimation of further reduction of GHG emissions in Asian countries as contribution of installing decarbonizing technologies
Mr. Tomoki Hirayama (MHIR, Japan)
- (23) Economy-wide impacts of flood and its adaptation measures in Indonesia
Dr. Abdullah Ambiyah (NIES, Japan)
- (24) The impact of COVID-19 pandemic on electricity demand in the Greater Tokyo Area
Dr. Yuki Hiruta (NIES, Japan)
- (25) Sustainability in China's cement industry - a bottom-up analysis by 2050
Dr. Zhaoling Li (NIES, Japan)
- (26) Potential impact of mitigation policy in Indonesia: Long term policy analysis with the introduction of food-loss reduction
Dr. Marissa Malahayati (NIES, Japan)
- (27) What factors will increase global fires in the future?
Dr. Chaeyeon Park (NIES, Japan)
- (28) Enhancing mitigation targets with good practice policies: a global assessment
Dr. Diego Silva Herran (NIES, Japan)
- (29) Technological transitions in Indian iron and steel industry from 1920 to 2020
Dr. Saritha Vishwanathan (NIES, Japan)
- (30) Assessment of bioenergy potential and associated costs in Japan for the 21st century
Dr. Wenchao Wu (NIES, Japan)
- (31) India's state-wise indoor air-pollution and emission inventory at household sector
Dr. Satish Kumar Yawale (NIES, Japan)

(32) Role of major dams on flood simulations

Dr. Boulange Julien (NIES, Japan)