



TERMS OF REFERENCE

Asian Forum on Carbon Update 2011

“To establish Consortium among Asia on Carbon Update”

March 14th - 17th, 2011

Hotel Novotel Bandung, Jalan Cihampelas No. 23-25, Bandung-INDONESIA

Sponsored by JSPS, JST-JICA, UN-REDD Indonesia and DNPI

1. BACKGROUND

More than at any point in our history, the global community requires rapid deployment of innovative policies and incentives to combat climate change. The most immediate and cost effective solutions must be harnessed to begin our global transformation to low carbon, sustainable development.

Success in tackling a highly complex climate change problem will require strong will, great policy skills, looking-forward vision and above all, a global commitment to fairness and justice. This should be based upon the principle of common but differentiated responsibility and respective capabilities among nations.

Asian countries are the heart of this challenge. With the population size of more than 4 billion people (60% of the world population) and the potentials of rapid economic growth and large trade surplus with the rest of the world, Asia has accumulated over US\$4 trillion of foreign exchange reserves - more than half of the world's total.

However, as a result of the continued emissions of GHGs, it is estimated that the spatial average over the Asian region of the annual mean warming would be about 3oC in the 2050s and about 5oC in the 2080s (IPCC Third Assessment Report). This also would lead exacerbate the threat to biodiversity due to land use and land cover changes and population pressure.

Therefore, there is a need to encourage collaborative efforts, particularly for the developing countries of Asia, where impacts of climate change are likely to be felt most severely because of resource and infrastructure constraints. Mainstreaming climate change issues into planning, designing and implementing development activities may lead to better life in the near future.

2. AIM OF THE FORUM

Asia Forum on Carbon Update (AFCU) is an annual forum among key stakeholders in Asian region aims at the following objectives:

- To share ideas and experiences on the implementation of low carbon economy by elaborating various technical/practical issues.
- To update the on-going initiatives and progresses on Asia's mitigation actions to reduce GHG emission, particularly the most recent issues such as REDD+, MRV, climate financing and capacity building.
- To develop any potentials collaborative efforts among Asian countries in seeking a viable mechanisms in tackling climate change issues.

3. FORUM AGENDA

- **Plenary Session: “Towards Low Carbon Economy - Challenges for Asian Countries”**

(1) Introduction to Dialogue

- Mr. Farhan Helmy (Secretary of Mitigation Working Group, DNPI)

(2) Welcoming Remarks

- Mr. Agus Purnomo (Special Advisor to the President on Climate Change/Head of Secretariat of DNPI)
- Mr. Akira Takamatsu (Senior Director, Japan Science and Technology Agency)

(3) Keynote Speech

- Economics of Climate Change: Result of Stern Review in the Asian Context
Mr. Matt Jackson, Head of Low Carbon Europe Team, UK
- Eco-manufacturing: Panasonic Indonesia Vision
Mr. Jusman Sjafei Djamal, Matsushita Gobel Foundation/Member of National Innovation Committee – Indonesia
- The Update of REDD+ on Asia and the Pacific; Challenges for REDD+ Implementation
Mr. Thomas Enters, The United Nations Environment Programme (UNEP)
- Sensing Technology for REDD+ “Generation of the 10m-resolution L-Band SAR Global Mosaic and Forest/non-forest Map and DinSAR Method for Peatland Subsidence”
Mr. Masanobu Shimada (JAXA)
- Future Companionship on Carbon in the Region: Basic Idea
Ms. Yetti Rusli (Ministry of Forestry, Indonesia)

- **Asian Countries Update on Climate Change Policies & Implementations**

- (1) Bangladesh
- (2) Cambodia
- (3) China
- (4) India
- (5) Indonesia
- (6) Japan
- (7) Lao PDR
- (8) Malaysia
- (9) Myanmar
- (10) Mongolia
- (11) Papua New Guinea
- (12) Singapore
- (13) South Korea
- (14) Thailand
- (15) Vietnam

- **Technical Sessions**

1. Reduction Emission from Deforestation and Degradation (REDD+) Asian Update
2. 8th Technical Roundtable on MRV: "Update and Advancement of Technology"
3. Policy and Modeling Forum
4. West Meets East : A Transition from an Act to Low Carbon Economy
5. Biodiversity and REDD+
6. Standardization Issues in Climate Change Agenda
7. Sentinel Asia: Contributing to Carbon Emission Reduction by Monitoring and Controlling Wildfires in Asia Pacific Region
8. Urban Restoration Initiative
9. Main Streaming & Spatial Planning on Low Carbon Economy
10. Carbon Emission Control by Watershed Management in Peatland
11. Creating Mechanisms to Reduce GHG Emissions
12. Sustainability – Environment Education
13. Carbon Emission and Peat Fires in Indonesia for Future Strategy

- **Conclusion Session**

Networking Session on Asian Forum on Carbon Update 2011

Networking Session will be held in the final session on 16th March to prepare the recommendation to the COP17

- **Tutorial/Lecture/Expert Briefing**

- 1) Green ICT
- 2) TBD
- 3) Geo-design Forum

- **Excursions**

- **Photo Session**

4. DATE AND VENUES

The Forum will be held from March 14th to 17th, 2011, at **Hotel Novotel Bandung**, Jalan Cihampelas No 23-25, Bandung, INDONESIA
<http://www.novotel.com/gb/hotel-6181-novotel-bandung/index.shtml>

5. PARTICIPANTS

A total of 300 participants is expected to actively participate in the event, including the following representatives of key agencies in Asian countries, industry associations, UN agencies, research communities and donor agencies:

- Asia and Pacific Countries: Australia, Bangladesh, Cambodia, China, India, Indonesia, Japan, Korea, Lao PDR, Malaysia, Myanmar, Mongolia, Nepal, Papua New Guinea, Singapore, Thailand, Taiwan, USA and Vietnam
- UN agencies: UN-REDD, FAO, UNEP, UNDP, IPCC and etc.
- International NGOs: Conservation International, Institute for Global International Studies and etc.
- Donor agencies: JICA, AusAID, USAID and etc.
- Others: Privates, Universities and Experts

6. COMMITTEE MEMBER

Steering Committee

- Prof. Rachmat Witoelar, President's Special Envoy for Climate Change/ Executive Chair of DNPI
- Agus Prunomo, MA, MBA, Special Advisor to the President on Climate Change/Head of the Secretariat, DNPI
- Prof. Mitsuru Osaki, Hokkaido University

Technical Committee

- Policy Issues
Prof. Mitsuru Osaki (Hokkaido Univ.), Dr. Doddy Sukadri (DNPI), Mr. Farhan Helmy (DNPI)
- Technical Issues
Prof. Mitsuru Osaki (Hokkaido Univ), Prof. Toshihisa Honma (Hokkaido Univ), Mr. Farhan Helmy (DNPI)
- Networking
Mr. Farhan Helmy (DNPI), Prof. Mitsuru Osaki (Hokkaido Univ.)

Organizing Committee

- Mr. Farhan Helmy (DNPI)
- Mr. Kazuyo Hirose (Hokkaido University)
- Dr. Hendrik Segah (Hokkaido University)
- Mr. Jokpan Damanik (Event Organizer)
- Mr. Lim Haryanto (Event Organizer)



Agenda of Asian Forum on Carbon Update 2011

March 14th - 17th, 2011

Hotel Novotel Bandung, Jalan Cihampelas No. 23-25, Bandung-INDONESIA

Sponsored by JSPS, JST-JICA, UN-REDD Indonesia and DNPI

2011/3/14 <i>Plenary Session</i>				
03/14/AM	Time	Title of Presentation	Presenter	Organization
	9:00 - 9:10	Introduction to Dialogue	Mr. Farhan Helmy	Secretary of Mitigation Working Group of DNPI
	9:10 - 9:20	Welcoming Remarks (1)	Mr. Agus Purnomo	Special Advisor to the President on Climate Change/Head of Secretary of DNPI
	9:20 - 9:10	Welcoming Remarks (2)	Mr. Akira Takamatsu	Senior Director, Japan Science and Technology Agency (JST)
	9:30 - 10:00	Keynote Speech: (1) Economics of Climate Change: Result of Stern Review in the Asian Context	Mr. Matt Jackson	Head of Low Carbon Europe Team, UK
	10:00 - 10:30	Keynote Speech: (2) Eco-manufacturing: Panasonic Indonesia Vision	Mr. Jusman Sjafei Djamal	Matshushita Gobel Foundation/Member of National Innovation Committee – Indonesia
	10:30 - 10:50	Coffee Break		
	10:50 - 11:20	Keynote Speech: (3) The Update of REDD+ on Asia and the Pacific Challenges for REDD+ Implementation	Mr. Thomas Enters	The United Nations Environment Programme (UNEP)
	11:20 - 11:50	Keynote Speech: (4) Sensing Technology for REDD+ "Generation of the 10m-resolution L-Band SAR Global Mosaic and Forest/non-forest Map and DinSAR Method for Peatland Subsidence	Mr. Masanobu Shimada	Japan Aerospace Exploration Agency (JAXA), Earth Observation Research Center, Japan
	11:50 - 12:20	Keynote Speech: (5) Future Companionship on Carbon in the Region: Basic Idea	Ms. Yetti Rusli	Senior Adviser to The Minister of Forestry on Environment & Climate Change - Head of Working Group on Climate Change, Ministry of Forestry, Indonesia
	12:20 - 13:30	Lunch Break		

Asian Countries Update on Climate Change Policies & Implementations

03/14/PM	Time	Title of Presentation	Presenter	Organization
	13:30 - 14:00	1) Bangladesh/ Climate change impact and adaptation of REDD in Bangladesh	Prof. Monirul Islam	Department of Civil Engineering, IUBAT—International University of Business Agriculture and Technology, Dhaka, Bangladesh

14:00	-	14:30	2) China/ Where Will China's New 40 Million ha Carbon Sequestration Forests be Located?	Dr. Luguang Jiang	Associate Professor, Deputy Director, Division of Water and Land Resources, Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences
14:30	-	15:00	3) India/ Water Resources Management under Changing Climate: Indian Scenario	Dr. Shakil Ahmad Romshoo	Head, Department of Geology, Geophysics and Geoinformatics, University of Kashmir, Srinagar Kashmir-India
15:00	-	15:30	4) Indonesia/ Recent Findings on Low Carbon Economy	Mr. Farhan Helmy	Secretary of Mitigation Working Group, DNPI
15:30	-	16:00	Coffee Break		
16:00	-	16:30	5) Japan/ Japan's Policy for Low-carbon Societies	Ms. Midori Sasaki	Deputy Director, Research and Information Office, Global Environment Bureau, Ministry of the Environment
16:30	-	17:00	7) Mongolia/ REDD+ Implementation Prospect in case of Mongolia	Prof. Baatarbileg Nachin	Head, Department of Forest Sciences, National University of Mongolia
17:00	-	17:30	6) South Korea/ Forest Policy of South Korea in Response to Climate Change - Green Growth and Mitigation Strategies	Prof. Youn Yeo Chang	Chairman, Department of Forest Sciences, Seoul National University (SNU)
17:30	-	18:00	9) Vietnam/ Driving Forces in responding to Climate Change and REDD implementation readiness in Viet Nam	Mr. Cao Phan Viet	Project Coordinator, Centre for sustainable development in mountainous areas – CSDM, Vietnam

2011/3/15	1. Reduction Emission from Deforestation and Degradation (REDD+): Asian Update				
03/15/AM-1	Time	Title of Presentation	Presenter	Organization	
	9:00 - 9:30	Keynote address REDD+ Negotiation Achievements: and Remaining Critical Issues	Mr. Doddy Sukadri	Chairman of LULUCF Working Group, DNPI	
	9:30 - 10:00	1) Cambodia/ REDD+ Development in Cambodia	Mr. Sokhavicheaboth Chak	Chief office of ICBD (International Convention and Biodiversity Department), Ministry of Environment	
	10:00 - 10:30	2) India/ REDD+: the Indian perspective	Prof. B. Mohan Kumar	Professor and Associate Dean, College of Forestry, Kerala Agricultural University	
	10:30 - 11:00	3) Indonesia/ REDD+ Update in Indonesia	Mr. Heru Prasetyo*	National REDD+ Task Force	
	11:00 - 11:20	Coffee Break			
	11:20 - 11:50	4) Lao PDR/ Country Update on REDD+ Implementation	Mr. Khamsene Ounekham	REDD Task Force Secretariat, Planning Division, Department of Forest, Ministry of Agriculture and Forestry	
	11:50 - 12:20	5) Malaysia/ Efforts in REDD+ in Malaysia	Mr. Samsudin Musa	Program Head, Climate Change and Forestry Forest Research Institute Malaysia	
	12:20 - 12:50	5) Myanmar/ Current Status of Readiness for REDD+ in Myanmar	Mr. Win Myint	Assistant Director of Forest Research Institute, Forest Department, Myanmar	

12:50	-	13:20	6) Thailand/ Role of Community Forest Management Relating REDD++ in Thailand	Dr. Pasuta Sunthornhao	Department of Forest Management, Faculty of Forestry, Kasetsart University, Bangkok, Thailand
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2. 8th Technical Roundtable on MRV: "Update and Advancement of Technology"

03/15/ AM-2	Time	Title of Presentation	Presenter	Organization
	9:00 - 9:30	Keynote address Integrated MRV System into National Inventories	Dr. Yuyu Rahayu	Director of Forest Resource Inventory and Monitoring, National Project Director of UN-REDD Indonesia
	9:30 - 9:50	1) Current Status of INCAS	Ms. Ratih Dewanti	LAPAN, Indonesia
	9:50 - 10:10	2) Proposed Comprehensive MRV System	Mr. Kazuyo Hirose	Hokkaido University, Japan
	10:10 - 10:30	3) Applications of Satellite Remote Sensing in Mapping Deforestation and Land Cover Change	Dr. S. C. Liew	Centre for Remote Imaging, Sensing and Processing (CRISP), National University of Singapore
	10:30 - 10:50	Coffee Break		
	10:50 - 11:10	4) Hyper-Spectral data Application	Dr. M. Evri	BPPT, Indonesia
	11:10 - 11:30	5) CO ₂ flux estimated from atmospheric concentration -Case Study-	Dr. Gen Inoue	Research Institute for Humanity and Nature (RIHN), Japan
	11:30 - 11:50	6) Peatland Subsidence Monitoring by GPS Survey	Dr. Heri	Institute of Bandung Technology (ITB)
	11:50 - 12:10	7) Comprehensive Forest Carbon Budgeting by Multitemporal Airborne Laser Altimetry	Dr. Tatsuo Sweda	Department of Forest Resource, Ehime University, Japan
	12:10 - 12:30	8) Forest Biomass Change Estimation using small-footprint airborne LiDAR data	Dr. Viktor Boehm	Kalteng Consultant, Germany
	12:30 - 13:30	Lunch Break		
	13:30 - 13:50	9) Micro Satellite Technology	Dr. Yukihiro Takahashi	Hokkaido University, Japan
	13:50 - 14:10	10) Carbon Dioxide in Air and Plant Cover of Gobi, Step and Forest Step in Mongolia	Dr. Sodov Damdinsuren	Departement of Biophysics and Bioinformatics, School of Biology and Biotechnology, National University of Mongolia
	14:10 - 14:30	11) Use of ameliorants to increase rice yield and mitigate GHG's emission In flooded peat soils	Dr. Dedi Nursyamsi	Indonesian Agricultural Environmental Research Institute (IAERI), Central Jawa, Indonesia

3. Policy and Modeling Forum

03/15/ AM-3	Time	Title of Presentation	Presenter	Organization
	9:00 - 9:30	1) OSIRIS Model to assess REDD+ Policies and Incentives Scenario	Dr. Jonah Busch*	Conservation International
	9:30 - 10:00	2) Land Use Change Modeling (LCM)	Dr. Iwan N H Sumantri	Conservation International

10:00	-	10:30	3) Policy Assessment and Modeling: Sectoral Approach	Mr. Bobby A T W*	Pelangi Indonesia
10:30	-	10:50	Coffee Break		
10:50	-	11:20	4) Sustainable Scenarios at Local Level	Dr. Mitsuru Osaki	CENSUS, Hokkaido University
11:20	-	11:50	5) International Cooperation Policy	Mr. Shigeru Takahara	Japan International Cooperation Agency (JICA)

*TBC

4. West Meets East : A Transition from an Act to Low Carbon Economy

03/15/ AM-4	Time	Title of Session	Presenter	Organization
	9:00 - 10:30	The Climate Change Legislation: Picture from UK and Asian Countries	Mr. Matt Jackson	Head of Low Carbon Europe Team, Foreign and Commonwealth Office (FCO)
			Mr. Jeffrey Mazo	The International Institute for Strategic Studies
	10:30 - 10:50	Coffee Break		
	10:50 - 12:20	Transition to a Low Carbon Economy/Green Growth	Mr. Simon Aldric	Director of AECOM
			TBC	ALBI (Alliance of Low Carbon Business in Indonesia)

5. Biodiversity and REDD+

03/15/ PM-1	Time	Title of Presentation	Presenter	Organization
	14:30 - 15:00	Keynote address Integration of REDD+ and Biodiversity Management	Dr. Gary N Geller	Deputy Manager of Ecological Forecasting Program, NASA
	15:00 - 15:30	1) Biodiversity and Climate Change	Dr. Rhia Galsim	ASEAN Centre of Biodiversity
	15:30 - 16:00	2) Biomass Production and Carbon Sequestration in Various Ecosystem Types to Support REDD Program	Dr. Joeni S. Rahajoe	Research Center for Biology – Indonesian Institute of Sciences Cibinong Science Center
	16:00 - 16:20	Coffee Break		
	16:20 - 16:50	3) Vegetation Dynamics Modeling using Satellite Data	Dr. Yan Gao	Center for Sustainability Science (CENSUS), Hokkaido University
	16:50 - 17:20	4) Diversity in Leaf Traits, Longevity and Phenology among Shaded Understorey Plants in A Tropical Montane Forest, West Java, Indonesia	Dr. Satomi Shioderra	Center for Sustainability Science (CENSUS), Hokkaido University
	17:20 - 17:50	4) Forest Certification and REDD+: Recognizing the Role and Rights of Forest Communities	Dr. Eli Nur Nirmala Sari	Faculty of Environmental Earth Science, Hokkaido University

6. Standardization Issues in Climate Change Agenda

03/15/ PM-2	Time	Title of Presentation	Presenter	Organization
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15:30	-	16:00	Keynote address Toward Standard for Deforestation	Dr. Bambang Setiadi	Chair, National Standardization Agency (BSN), Indonesia
16:00	-	16:30	1) Standardization in GHG Management by ISO: Recent Development and Trends	Mr. Noer Adi Wardoyo	Ministry of Environment
16:30	-	17:00	2) Standardization on Forest Management	Dr. Nur Masripatin	Director of the Center for Standardization and Environment, Ministry of Forestry
17:00	-	17:30	3) Standards Development Work in Papua New Guinea	Mr. Dan Yansom	Assistant Director, Technical Standards Division, National Institute of Standards and Industrial Technology (NISIT)- Papua New Guinea

7. Sentinel Asia: Contributing to Carbon Emission Reduction by Monitoring and Controlling Wildfires in Asia Pacific Region

03/15/ PM-3	Time	Title of Presentation	Presenter	Organization
	13:30 - 14:00	1) Overview of Sentinel Asia	Dr. Kazuya Kaku	JAXA
	14:00 - 14:30	2) World Wildfire Threatens Biodiversity	Dr. Masami Fukuda	Fukuyama City University
	14:30 - 15:00	3) Wildfire Monitoring and Control in Indonesia	Dr. Orbita Roswintiarti	LAPAN
	15:00 - 15:20	Coffee Break		
	15:20 - 15:50	4) Peatland-fire Control in Kalimantan, Indonesia in JST-JICA Project	Dr. Toshihisa Honma	Hokkaido University
	15:50 - 16:20	5) Using Remote Sensing for Wild Fire Management, Research and Emissions Accounting in Australia	Dr. Stefan W. Maier	Principal Research Fellow, Charles Darwin University
	16:20 - 16:50	6) Fire Fighting using MODIS Hotspots in Thailand	Ms. Chonthida Chernkhunthod	Department of National Parks, Wildlife and Plant Conservation, Thailand
	16:50 - 17:20	7) Sentinel System for Rapid Dissemination of Satellite Derived Information on Wildfires	Dr. Amarnath Giriraj	MENRIS Division, International Centre for Integrated Mountain Development (ICIMOD), Kathmandu, Nepal

2011/3/16 8. Urban Restoration Initiative

03/16/ AM-1	Time	Title of Presentation	Presenter	Organization
	9:00 - 9:30	Keynote Address Urban Infrastructure and Technology Systems for Emissions Reduction	Dr. Hari Srinivas	UNEP
	9:30 - 10:00	1) Urban Restorations Program	Ms. Dewi Kania Sari	Natural Research and Environmental Study Center, ITENAS
	10:00 - 10:30	2) The Role of ICTs for Sustainable Urban Management	Dr. Yuji Inoue	Executive Advisor, Telecommunication Technology Committee (TTC)
	10:30 - 11:00	3) Toward Sustainable: Japan's Experience	Dr. Mitsuru Osaki	CENSUS, Hokkaido University

9. Main Streaming & Spatial Planning on Low Carbon Economy

03/16/ AM-2	Time	Title of Presentation	Presenter	Organization
	9:00 - 9:30	Keynote address Mainstreaming Low Carbon Growth Strategy into Spatial Planning: Opportunities and Challenges	Dr.Imam S. Ernawi	Minsitry of Public Works Indonesia
	9:30 - 10:00	1) Mainstreaming Low Carbon Growth Strategy into Spatial Planning: Indonesian Experiences	Mr.Farhan Helmy	Secretary of Mitigation Working Group, DNPI
	10:00 - 10:30	3) Lesson Lerant from East Kalimantan-Indonesia, Village Mapping based Information Systems	Dr.Muhammad Urip	Inisitif Pemetaan 100 Desa
	10:30 - 11:00	4) Introduction to SATOYAMA System	Dr. Mitsuru Osaki	Hokkaido University

10. Carbone Emission Regulation by Watershed Management in Peatland

03/16/ AM-3	Time	Title of Presentation	Presenter	Organization
	9:00 - 9:30	1) Land allocation as a strategy in watershed management	Dr. Nyoman Sumawijaya	LIPI Geotech
✓	9:30 - 10:00	2) Remote control system of watershed hydrology management	Mr. Yasuhisa Shigenaga	MEL, Japan
	10:00 - 10:30	3) Hydrological system of peat dome	Dr. Yoshiyuki Ishii	Hokkaido University
	10:30 - 10:50	Coffee Break		
	10:50 - 11:20	4) The Importance of Water Management in Tropical Peatlands to Prevent The Degradation of Natural Ecosystem, and Regional and Global Environments	Dr.Hidenori Takahashi	NPO Hokkaido Institute of Hydro-climate
	11:20 - 11:50	5) Potential of Peatland in Indonesia - Case Study in Central Kalimantan	Mr. Tobing	Center for Geological Resources, Geology Agency, ESDM
	11:50 - 12:20	6) Planning Hydrological Restoration of Peatlands in Indonesia to Mitigate Carbon Dioxide Emissions	Mr. Ari Budiman	WWF Indonesia

11. Making It Work: Financing Initiatives for Mitigation Action in Asia

03/16/ PM-1	Time	Title of Presentation	Presenter	Organization
	13:30 - 14:00	Keynote address Promoting Regional Cooperation on Mitigation Financing	Dr.Agus Purnomo	DNPI
	14:00 - 14:30	1) Climate Financing under UNFCCC: Indonesian Views	Dr.Suzanty Sitorus	DNPI
	14:30 - 15:00	2) Challenge: VER Scheme for The New Market Mechanism of REDD+	Dr. Noriyuki Kobayashi	Nihon University
	15:00 - 15:20	Coffee Break		
	15:20 - 15:50	3) Current Situation of Central Kalimantan Province to Reduce GHG Emissions	Mr. Wahyu Sinardy	BAPPEDA, Central Kalimantan Provice, Indonesia

15:50	-	16:20	4) Initiatives for Sustainable Forest Management and J-VER	Mr. Kohei Nakano	Shimokawa Town Office
16:20	-	16:50	5) Katingan Peat Restoration and Conservation Project, Central Kalimantan	Mr. Dharsono Hartono	PT. Rimba Makmur Utama Katingan
16:50	-	17:20	6) Concept of Emission Reductions in Peatland, Through Using Japanese Technologies	Mr. Toshiaki Abe	Sumitomo Corporation

12. Sustainability – Environment Education

03/16/ PM-2	Time	Title of Presentation	Presenter	Organization
	13:30 - 14:00	1) Sustainability Education in Central Kalimantan	Dr. Linda Wulandari	University of Palangka Raya
	14:00 - 14:20	2) Challenges in Global Sustainability Education	Dr. Gaku Ishimura	Hokkaido University
	14:20 - 14:40	3) Collaboration in Education Between University and Local Communities	Dr. Shingo Tanaka	Hokkaido University
	14:40 - 15:00	4) Views from The Participants of StraSS Program	Mr. Atsushi Shimahata	Hokkaido University
	15:00 - 15:20	Coffee Break		
	15:20 - 15:40	5) Climate Change as a Resource for Environmental Education	Dr. Jatna Supriatna	University of Indonesia
	15:40 - 16:00	6) Effectiveness of Globally Connected Classrooms in The Modern Globalized World	Dr. Yasuhiro Fukushima	National Cheng Kung University
	16:00 - 16:20	7) Non-native English Speaking Countries and Challenges to Provide English Programs	Dr. Guizani Mokhtar	Hokkaido University
	16:20 - 16:40	8) Global Campus Movements for Environmental Education	Dr. Arif Satria	Bogor Agricultural University (IPB)
	16:40 - 17:00	Brain Storming	Moderator: Gaku Ishimura	Hokkaido University

13. Carbon Emission and Peat Fires in Indonesia for Future Strategy

03/16/ PM-3	Time	Title of Presentation	Presenter	Organization
	13:30 - 14:00	1) Emission from burned peatland in various fire severity	Dr. Lailan Syaufina	Bogor Agricultural University (IPB)
	14:00 - 14:30	2) Greenhouse Gasses Emission from Peat Fire at Pelalawan Riau	Dr. Ati Dwi Nurhayati	Bogor Agricultural University (IPB)
	14:30 - 15:00	3) Greenhouse Gas Produced During Burning and Its Modeling: Case Study in South Sumatera Peat Fires	Dr. Bambang Saharjo Hero	Forest Fire Laboratory, Division of Forest Protection, Department of Silviculture, Faculty of Forestry, Bogor Agricultural University (IPB)
	15:00 - 15:20	Coffee Break		

15:20	-	15:50	4) Impacts of a Prescribed Peat Fire in the Small Scale Agriculture on Selected Peat Properties and Carbon Balance	Dr. Gusti Z Anshari	Centre for Wetlands People and Biodiversity (CWPB) Universitas Tanjungpura, Pontianak, West Kalimantan, Indonesia
15:50	-	16:20	5) Evaluation of Hotspots Data in Peatland Area of Central Kalimantan, Indonesia	Dr. Aswin Usup	UNPAR
16:20	-	16:50	6) Evaluation on Burned Area and Carbon Emission During 1997 - 2009 at Mega Rice Project Area, Central Kalimantan Indonesia	Dr. Erianto Indra Putra	Bogor Agricultural University (IPB)
16:50	-	17:20	7) How Can We Stop Peat Fires?	Dr. Hiroshi Hayasaka	Hokkaido University

2011/3/17 *Tutorial: Green ICT*

03/17/AM-1	Time	Title of Presentation	Presenter	Organization
	9:00 - 9:30	ICT be the Tool for Renovating Environment & Peoples Better Life	TBC	TBC
	9:30 - 11:30	Question and Answer		

Tutorial: J-VER: Japan – Verified Emission Reduction (VER)

03/17/AM-2	Time	Title of Presentation	Presenter	Organization
	9:00 - 9:30	TBD	Dr. Noriyuki Kobayashi	Nihon University
	9:30 - 11:30	Question and Answer		

Tutorial: Geo-design Forum

03/17/AM-3	Time	Title of Presentation	Presenter	Organization
	9:00 - 9:30	TBD	Dr. Anak Agung Gede Agung	ESRI International
	9:30 - 11:30	Question and Answer		

Field Excursion

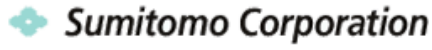
03/17/AM-4	Time	Place
	8:30 - 17:30	<ul style="list-style-type: none"> • Geothermal Power Plant, South Bandung* • Panasonic Eco-factory*

*TBC

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