e-ASIA JOINT RESEARCH PROGRAM
WORKSHOP on "Intelligent Infrastructure"
December 2nd- 4th, 2013
Yangon Technological University, Yangon, Myanmar

ACTIVITIES	
TIME	**DAY ONE: Monday 2nd December 2013**
08.30 - 09.00	**REGISTRATION**
09.00 - 09.10	**Opening Remarks** Deputy Minister, Ministry of Science and Technology, Myanmar
09.10 - 09.20	**Organizer's Remarks** Toshihiko Oguru, Director, Department of International Affairs, JST
09.20 - 09.40	**Introduction of the e-Asia Joint Research Program and Asia Science and Technology Portal:** Department of International Affairs of JST
09.40 - 10.30	**Keynote Speech** Dr. Haruo Takeda, Program Officer, Japan Science and Technology Agency(JST) - Japan
10:30 – 10:45	**COFFEE BREAK**
10:45 – 11:15	<u>**SESSION 1**</u>**: SURVEY & ANALYSIS** **Potential of remote sensing for intelligent infrastructure** Chair Name: Prof. Ryutaro Tateishi (Dr.) Affiliation: Center for Environmental Remote Sensing, Chiba University
11:15 – 11:45	**Survey , Analysis and Modeling Experiences of Remote Sensing and GIS section of Forest Department** Co - Chair Speaker (Myanmar) Name: U Maung Maung Than Affiliation: National Consultant , Environmental Conservation Department
11:45 – 12:15	**Issues and needs of Myanmar Infrastructures (Tentative)** Speaker (Myanmar) Name: Daw Hlaing Maw Oo Affiliation: Department of Human Settlement and Housing Development, Ministry of Construction
12:15 – 13:10	**LUNCH**
13:10 – 13:40	**Experiences and Prospects by the Philippines in Developing an Information Infrastructure for Flood Hazard Assessment and Advisory** Speaker (Philippines) Name: Dr. Enrico C. Paringit (Associate Professor) Affiliation: Department of Geodetic Engineering & TCAGP, College of Engineering, University of the Philippines
13:40 – 14:10	**Mapping of estimated urban groundwater resource demand by using DMSP/OLS light intensity** Speaker (Japan) Name: Dr. Toshiaki Ichinose Senior Researcher Affiliation: Center for Social and Environmental Systems Research(Environmental

	Planning Section) National Institute for Environmental Studies.
14:10 – 14:40	**Q & A / Discussion**
14:40 – 14:55	**COFFEE BREAK**
14:55 – 15:20	**SESSION 2: MODELING & SIMULATION** **Overview of research in modeling** Chair Name: Dr. Hiroshi Takamori Affiliation: School of Accounting, LEC Graduate University / Board of Trustee, Japan Association of Real Options and Strategy
15:25 – 15:55	**System Modeling and Technical Evaluation of the Philippine Power Grid** Speaker (Philippines) Name: Prof. Noel Regis Estoperez (Dr.) Affiliation: Department Electrical and Computer Engineering, Iligan Institute of Technology of the Mindanao State University
15:55 – 16:25	**Technology Transfer and Skill Development for Competitive Advantage and** **Sustainable Growth among Malaysian-based MNCs** Speaker (Malaysia) Name: Dr.Hadijah lberahim Affiliation: Arshad Ayub Graduate Business School, Universiti Teknologi MARA
16:25 – 16:55	**Diffusion of Sufficiency Economy Concept: A Success Case in Thailand** Co - Chair Speaker (Thailand) Name: Dr. Pichayalak Pichayakul Affiliation: Chiang Mai University
16:55 – 17:25	**Modeling for Smart Community Design** Speaker (Japan) Name: Prof. Kenji Iba (Dr.) Affiliation: Meisei University, Department of Electrical Engineering
17:25 – 17:55	**An Integrated Approach of GIS and Remote Sensing for National Groundwater** **wealth in Myanmar, A pilot project of Nyaung U area.** Speaker (Myanmar) Name: Win Min Oo Affiliation: Department of Rural Development Ministry of Livestock Fishery and Rural Development
17:55 – 18:25	**Q & A / Discussion**
18:25 – 20:00	**Networking dinner**

TIME	DAY TWO: Tuesday 3rd December 2013
	ACTIVITIES
8:30 – 9:00	**GOOD MORNING !**
09:00 – 09:30	<u>**SESSION 3: OPTIMIZATION**</u> **Energy efficient data center for ASEAN infrastructure optimizations** Chair Name: Dr. Ken Naono Affiliation: HITACHI ASIA (MALAYSIA) SDN.BHD.
09:30 – 10:00	**Optimizing Low-Cost Computing Platform for Large-Scale Scientific Computing using Genetic Algorithm** Co - Chair Speaker (Malaysia) Name: Dr. Nordin Zakaria Affiliation: Universiti Teknologi Petronas
10:00- 10:30	**Optimization and personalization of social services with virtualization of social resources** Speaker (Singapore) Name: Dr. Keiji Yamada Affiliation: Head of NEC Laboratories Singapore
10:30- 10:50	**COFFEE BREAK**
10:50-11:20	**Intelligent simulation for supporting industrial infrastructure (part-1/part-2)** Speaker (Japan) Name: Dr. Moe Thu Thu Affiliation: Toshin Unso Corporation Name: Prof. Seiji Fujino Affiliation: Research Institute for Information Technology, Kyushu University
11:20 – 11:50	**Q&A / Discussion**
11:50 – 13:00	**LUNCH**
13:00- 13:30	<u>**SESSION 4: IMPLEMENTATION**</u> **Creating Green and Water Infra-structure for creating Resilient Society** Chair Name: Prof. Mikiko Ishikawa (Dr.) Affiliation: Department of Intergraded Science and Engineering for Sustainable Society, Faculty of Science and Engineering, Chuo University
13:30- 14:00	Speaker (Philippines) Name: Prof. Mary Ann A. Espina Affiliation: Dean of College of ARCHITECTURE, UNIVERSITY OF THE PHILIPPINES

14:00- 14:30	**Apply Multimedia Communication Devices to Transportation System in Viet Nam** Speaker (Vietnam) Name: Nguyen Ngoc Tuan(Mr.) Affiliation: Lecturer Bachkhoa Information Technology Academy (BKACAD) Hanoi University of Science and Technology (HUST)
14:30- 14:50	**COFFEE BREAK**
14:50- 15:20	**Develop Research on Renewable Energy to Solve Energy Problem in Island Community of Indonesia** Speaker(Indonesia) Name: Dr. Meita Rumbayan Affiliation: Lecturer, Department Electrical Engineering, College of Engineering, Sam Ratulangi University
15:20- 15:50	**Strategy and Plan for Development of Rural Electrification in the Kingdom of Cambodia** Speaker (Cambodia) Name: Dr. Long Bun Affiliation: Vice Head of Electrical and Energy Engineering Department, Institute of Technology of Cambodia
15:50- 16:50	**Q&A / Discussion**

ACTIVITIES	
TIME	**DAY THREE: Wednesday 4th December 2013**
09.00 - 09.30	**Good Morning !**
	Wrap-up
09.30 - 10.50	**Summary** for chairs (20 min/chair)
10.50 - 11.10	**Coffee Break**
11.10 - 11.40	**Workshop Summary from Program Officer**
11.40 - 12.00	**Closing Remarks from YTU**
12.00 - 13.00	**Lunch**
13.10 -	**Site Visit**