



ENERGY, ENVIRONMENT AND ECOSYSTEMS (3E) NEXUS TOWARDS BUILDING RESILIENT SOCIETIES AND IMPLICATIONS TO SUSTAINABLE DEVELOPMENT GOALS (SDGs) IN ASIA-PACIFIC REGION

PROGRAMME

18-19TH JANUARY, 2017

SANJO CONFERENCE HALL AND IR3S, THE UNIVERSITY OF TOKYO, HONGO CAMPUS, TOKYO, JAPAN.

A comprehensive overview and importance of integrating 3E (energy, environment and ecosystems) would leads to develop a sustainable society and to establish a research networks to generate the motive of a regional low emissions, material-cycling and nature harmonious sphere in Asia and the Pacific region. This international annual meeting is not only for preferment of low carbon society but also towards educating regional environment and ecosystems and as well as contributing to the solutions of environmental issues, which are implications to Sustainable Development Goals (SDG's) and are foremost to the progress of human wellbeing.

DAY-1 (18 January 2017, Wednesday)**Venue: Sanjo Conference Hall**

<i>Time</i>	<i>Particulars</i>	<i>Presenter</i>
09:00-09:30	<i>Registration</i>	
09:30-09:45	Welcome Speech	Kazuhiko Takeuchi, Director and Professor, IR3S, University of Tokyo, Japan.
09:45-10:00	Welcome Speech	Yoshihiro Mizutani, Director, ICO, MOEJ, Japan.
10:00-10:15	Keynote Speaker	Soichiro Seki, Former Vice-Minister, MOEJ, Japan.
10:15-10:30	Keynote Speaker	Mario Fernandez, Future Earth, Mexico.
10:30-11:00	<i>Tea Break and Group Photo</i>	
11:00-11:20	Keynote Speaker	Kazuhiko Takemoto, President, OECC, Japan.
11:20-11:30	Project Updates	Geetha Mohan, IR3S, University of Tokyo, Japan.
11:30-12:10	<u>Session-1: Energy (Resource Efficiency)</u>	

Chair: Tsoqtbatar Jamsran

C Visvanathan, Thailand:	<i>Resilient Cities through Resource efficiency: Implications towards SDG.</i>
Joni Hermana, Indonesia:	<i>Affordability of Public Participation in Supporting (3E) Nexus for Sustainable Development in the City of Surabaya, East Java, Indonesia</i>

12:10-13:00 *Lunch Break*

13:00-14:00 Session-2: Energy (Renewable & Energy Efficiency)

Chair: K Narayanan

Mafizur Rahman, Bangladesh:	<i>Industrial energy efficiency initiatives in Bangladesh: potentials and challenges</i>
Tjandra Setiadi, Indonesia:	<i>Renewable Energy through Biological Processes</i>
S B Weerakoon, Sri Lanka:	<i>Gate Operation for Optimum Sediment Removal from the Polgolla Reservoir to Attain Uninterrupted Hydropower Diversion</i>

14:00-15:00 Session-3: Environment (Renewable Energy)

Chair: C Visvanathan

Datin Dr Zuriati Zakaria, Malaysia: *National Initiatives for a Low Carbon Society*

Tri Ratna Bajracharya, Nepal: *A Small Research Initiative for Use of Low Flowing River Resources by Developing New Water Vortex Turbine to address Climate Change*

K Narayanan, India: *Shifting Patterns of Household Fuel Choices in Urban India*

15:00-15:30 *Tea Break*

15:30-16:30 Session-4: Environment (Waste Management)

Chair: Datin Dr Zuriati Zakaria

Dawan Wiwattanadate, Thailand: *Thailand's Master Plan for Municipal Solid Waste Management*

Maria A. N. Tanchuling, Philippines: *Solid waste management in Quezon City, Metro Manila*

Hul Siengheng, Cambodia: *Domestic waste characteristic and Green House Gas emissions from the Landfill in Phnom Penh, Cambodia*

End of Session Day-1

18:30 ~ Welcome Dinner

DAY-2 (19 January 2017, Thursday)

Venue: IR3S Conference Room

<i>Time</i>	<i>Particulars</i>	<i>Presenter</i>
09:00-09:20	Keynote Speaker	Mai Troung Nhuan, Vietnam National University, Vietnam
09:20-09:40	Keynote Speaker	Ishikawa Masaru, Nippon Koei Co., Ltd, Japan

09:40-10:40 Session-5: Ecosystems (Biomass Utilization & REDD+)

Chair: Tjandra Setiadi

Hirofumi Hara, Malaysia: *Development of biomass wastes utilization in Malaysia*

Tsogtbaatar Jamsran, Mongolia: *Some opportunities of wood biomass use for coal replacement through Sustainable Forest Management in Mongolia*

T. Sithong, Laos PDR: *REDD+ in Struggle: A case of Institutional Reforms in Laos*

10:40-11:00 *Tea Break*

11:00-11:45 Panel Discussion Alexandros Gasparatos, IR3S, the University of Tokyo

11:45-11:55 Closing Remarks Joni Hermana, Rector, ITS, Indonesia

End of Workshop

13:00 ~ Study Tour Pickup from IR3S
Place: Metropolitan of Tokyo, Waste to power generation facility
<http://www.tokyokankyo.jp/kengaku/chubo.html>