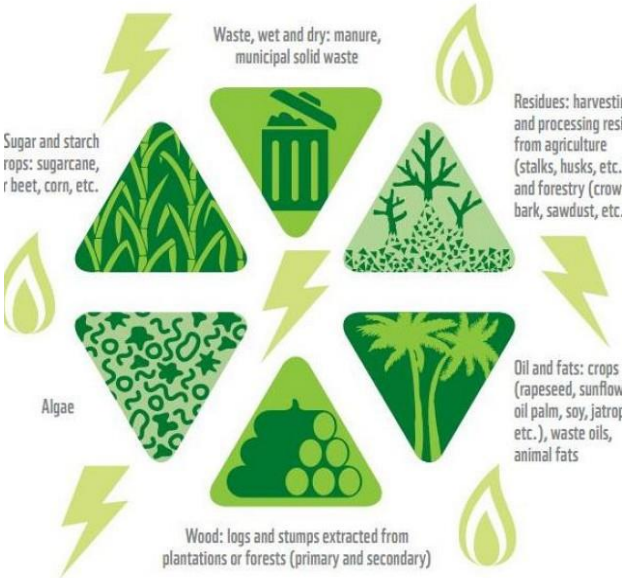
10th Kyoto University Southeast Asia Network Forum
28th Kyoto University Southeast Asia Forum

Bioenergy Conversion Technologies and Their Applications: Moving towards Sustainability

Bioenergy is renewable energy, which is derived from the conversion of biomass, to produce heat, electricity, biofuels or bioproducts. In many decades, bioenergy conversion technologies as well as their applications have been remarkably developed worldwide. The utilization of bioenergy shows highly potential to reduce the detrimental impacts of greenhouse gas emissions that have adverse effects on climate change.

This forum emphasizes on bioenergy conversion technologies and their applications in Japan and Thailand that could help transfer research knowledge to common practices across inter-disciplines. The efficient use of bioenergy and their plausible solutions greatly enhance the 3E-sustainability of energy, economy and environment. The perspective on the bright future of bioenergy and bioproducts for future generation is highlighted.



Kyoto University-Southeast Asia Forum

Kyoto University was founded over a hundred years ago since 1987. At present, Kyoto University has 3 campuses (Yoshida Campus-the main campus, Uji Campus and Katsura Campus) with 19 graduate schools, 10 faculties, 14 research institutes and 31 education and research centers and facilities. Among its alumni, the university counts eight Nobel Prize laureates in fundamental natural science and physiology or medicine fields. Inspired by the university's mission statement, "To sustain and develop its historical commitment to academic freedom and pursue a state of harmonious coexistence within the human and ecological community on this planet", Kyoto University continues emphasizing and encouraging fundamental and applied research as well as humanities and social sciences. Many distinguished researchers' groups are taking unconventional and throught-provoking, resulting in world-class achievements. Kyoto University is deeply involved in collaborative research and academic exchange with many universities and research institutes, particularly in Southeast Asian countries. To support these cooperation activities, liaison offices were set up in Bangkok, Thailand (1964) and Jakarta, Indonesia (1970). To date, Kyoto University has been one of the most active universities in doing research and education in Southeast Asian with Southeast Asian people.

Saturday 24th February, 2018

08.30 am -15.15 pm

The Twin Towers Hotel, Bangkok, Thailand

Program

8.30-9.00	Registration
9.00-9.05	Welcome Speech Assoc. Prof. Dr. Anchaleeporn W. Lothongkum, President of KUC
9.05-9.15	Congratulatory Remarks First Secretary, Embassy of Japan in Thailand
9.15-9.35	Opening Remarks Prof. Dr. Kayo Inaba, Executive Vice-President for Gender Equality, International Affairs, and Public Relations, Kyoto University Introduction to Kyoto University Dr. Ayako Fujieda, ASEAN Center, Kyoto University
9.35-10.20	A Recent Progress in Advanced Bioethanol Production by Acetic Acid Fermentation from Lignocellulosics Prof. Dr. Shiro Saka, Specially-Appointed Professor and Professor Emeritus, Kyoto University
10.20-10.35	Coffee/Tea Break
10.35-11.10	Development and Applications of Nanocatalysts in a Biorefinery Scheme Dr. Kajornsak Faungnawakij, Director of Nanomaterials and Nanosystems Engineering Research Unit, National Nanotechnology Center (NANOTEC)
11.10-11.45	Challenges in the Development of Waste to Energy Projects in Thailand Dr. Thevarak Rochanapruk, Chairman of the Risk Management Committee and Director, United Power of Asia Public Company Limited
11.45-12.00	Q&A and Group Photo
12.00-13.00	Lunch
13.00-13.40	Renewable Energy towards Sustainable Society and its JASTIP Activities Prof. Dr. Keiichi Ishihara, Kyoto University
13.40-14.55	Panel Discussion on "21st Energy Outlook: Moving towards Sustainable Society" Moderators: Asst. Prof. Dr. Piyanart Sommani, KMITL Dr. Natthanon Phaiboonsilpa, KMITL Panelists: 1. Prof. Dr. Keiichi Ishihara, Kyoto University 2. Dr. Jose V. Camacho, Jr. University of the Philippines Los Baños (UPLB) 3. Dr. Boonrod Sajjakulnukit King Mongkut's University of Technology Thonburi 4. Mr. Yoshinori Furukawa Chief Representative, NEDO Representative Office in Bangkok
14.55-15.00	Closing Remarks Assoc. Prof. Dr. Anchaleeporn W. Lothongkum, President of KUC
15.00-15.15	Coffee/Tea Break
MCs: Asst. Prof. Dr. Piyanart Sommani and Dr. Natthanon Phaiboonsilpa	

1. Prof. Dr. Shiro Saka
   Specially-Appointed Professor and
   Professor Emeritus, Kyoto University

2. Dr. Kajornsak Faungnawakij
   Director of Nanomaterials and
   Nanosystems Engineering Research Unit,
   National Nanotechnology Center
   (NANOTEC)

3. Dr. Thevarak Rochanapruk
   Chairman of the Risk Management
   Committee and Director, United Power
   of Asia Public Company Limited

4. Prof. Dr. Keiichi Ishihara
   Graduate School of Energy Science,
   Kyoto University

5. Dr. Jose V. Camacho, Jr.
   University of the Philippines Los Baños (UPLB)

6. Dr. Boonrod Sajjakulnukit
   King Mongkut's University of Technology
   Thonburi

7. Mr. Yoshinori Furukawa
   Chief Representative, NEDO Representative
   Office in Bangkok

Format:

Talks and PowerPoints are delivered in English.

Registration Form:

We request you to preregister with the form via
https://goo.gl/forms/82GElxttnG34DbmE2
or QR Code

or E-mail: nutcharee@tni.ac.th

If you have any inquiry, please contact Ms. Nutcharee, TNI
via E-mail: nutcharee@tni.ac.th
Tel: 02-763-2702 Fax: 02-763-2725

Free of Charge

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Co-organized by:

Kyoto University,
Kyoto Union Club (KUC),
Thai-Nichi Institute of Technology (TNI)
King Mongkut's Institute of Technology Ladkrabang (KMITL)