

October 23-24, 2014
KAST Arenberg Castle
Katholieke Universiteit Leuven



International Workshop

Strengthening the International Network-hub for the Future Earth

Co-Chairs:

Prof. Takeshi Katsumi (Kyoto University, Japan)

Prof. Raf Dewil (University of Leuven, Belgium)

Honorary Chair:

Prof. Shigeo Fujii (Dean, GSGES, Kyoto University, Japan)

Organized by:

Graduate School of Global Environmental Studies, Kyoto University
Department of Chemical Engineering, Katholieke Universiteit Leuven

Objective

This international workshop aims to strengthen the international networks among researchers and organizations by sharing progress of ongoing research projects on global sustainability undertaken as part of the KU-GSGES's "Future Earth" program. The presentations to be delivered in the workshop will range from environmental monitoring, environmental technology to regional development.

Schedule

Time		Contents		Speakers
9:00	9:30	Registration		
9:30	9:35	Opening Remarks		S. Fujii (Kyoto University)
9:35	9:45	Introduction the Project		T. Katsumi (Kyoto University)
9:45	10:25	A-4	Understanding of land use/cover changes by anthropogenic disturbances	I. Saizen (Kyoto University) A. J. Comber (University of Leicester) N. Tsutsumida (Kyoto University)
- Coffee Break -				
10:40	10:55	B-1	Development of resources-oriented integrated system of water and sanitation for Asian developing countries	S. Fujii (Kyoto University)
10:55	11:35	B-2	International development of high efficiency methane fermentation and biogas upgrading system	R. Dewil (KU Leuven) L. Apples (KU Leuven) K. Oshita (Kyoto University)
11:35	12:00	Group Photo		
- Lunch Break -				
13:30	13:45	Introduction of KU Leuven		K. Willems (KU Leuven)
13:45	14:00	Introduction of GSGES, Kyoto University		S. Funakawa (Kyoto University)
14:00	14:15	B-3	Development of new material for solar energy storage	Y. Kajii (Kyoto University)
14:15	14:55	B-4	Sustainable management of waste landfills	T. Katsumi (Kyoto University) J. S. McCartney (University of California San Diego) A. Takai (Kyoto University)
- Coffee Break -				
15:10	15:50	C-1	Infrastructure development for a resilient society against a catastrophic tsunami disaster	J. Kiyono (Kyoto University) R. Riggs (University of Hawaii) Y. Okumura (Kyoto University)
15:50	16:30	C-2	Indigenous alcoholic beverage production in African rural villages	S. Funakawa (Kyoto University) M. Kilasara (Sokoine University) R. Kubo (Kyoto University)
16:30	16:50	Discussion		
16:50	17:00	Closing Remarks		R. Dewil (KU Leuven)