

SABH2012 Symposium Program

Day 1 Tuesday, December 11	9:10-9:30	Registration			
	Opening Session				
	9:30-9:40	Takashi Watanabe	Opening address toward biomass-based sustainable society in Asia	Research Institute for Sustainable Humanosphere (RISH), Kyoto University, Japan	
	9:40-9:55	Bambang Subyanto	Current condition and future utilization of biomass in Indonesia	Indonesian Institute of Sciences (LIPI), Indonesia	
	Chair: Takuro Mori	9:55-10:10	Anita Firmanti, Danny Cahyadi	Effort on generating green life in urban area Research Institute for Human Settlements, Agency for Research and Developments, Indonesia	
	10:10-10:25	Hunsa Punnapayak	Enhanced schemes for the prospecting of biomass-based biorefinery among Asian countries	Faculty of Science, Chulalongkorn University, Thailand	
	10:25-10:45	Coffee break			
	Session 1		Life & Green in ASEAN : Biomass-based Sustainability in East Asian Connections		
	Chair: Osamu Kozan	10:45-11:00	Osamu Kozan	Reconstruction of biomass society by conservation and rehabilitation of peat land in Riau, Indonesia	Center for Southeast Asian Studies (CSEAS), Kyoto University, Japan
		11:00-11:15	Doan Thai Hoa	Delignification of rice straw by acetic acid for enzymatic saccharification	Hanoi University of Science and Technology, Vietnam
		11:15-11:30	Kok-boon Neoh	Effects of farming system and pesticide input on termite assemblage in Vietnamese coffee plantation	Center for Southeast Asian Studies (CSEAS), Kyoto University, Japan
		11:30-11:45	Woottichai Nachaiwieng	Rice husk as a potential ethanol production feedstock in Thailand	Faculty of Agro-industry, Chiang Mai University, Thailand
		11:45-13:30	Lunch & Poster Session *We will take a group photo before lunch		
	Session 2		Life & Green in ASEAN : Low Cost House		
	Chair Takuro Mori & Ali Awaludin	13:30-13:40	Takuro Mori	Setting up of cultivation network for low-cost house construction - In case of Indonesia -	Research Institute for Sustainable Humanosphere (RISH), Kyoto University, Japan
13:40-13:55		Shuichi Doi	Investigation of fungal community over houses	Former Professor, University of Tsukuba, Japan	
13:55-14:10		Ali Awaludin	Deterioration of dowel bearing properties of timber due to fungal attacks	Faculty of Engineering, Gadjah Mada University, Indonesia	
14:10-14:25		Triastuti	Wall building materials for low-cost housing in Indonesia	R&D unit for Biomaterials, Indonesian Institute of Sciences (LIPI) Indonesia	
14:25-14:40		Maryoko Hadi	Pre-fabricated wooden house composed of engineered timber for low income people in Indonesia	Research Institute for Human Settlements, Agency for Research and Development, Indonesia	
14:40-14:50		Akihisa Kitamori	Wisdom on traditional buildings toward low-cost house	Research Institute for Sustainable Humanosphere (RISH), Kyoto University, Japan	
14:50-15:05		Muhammad Yunus	Development of Bajo house technology base on local wisdom and local material	Research Institute for Human Settlements, Agency for Research and Development, Indonesia	
15:05-15:15		Haruka Suzuki	Local timber business in Pekanbaru, Riau, Indonesia: Viewed from timber species	Research Institute for Sustainable Humanosphere (RISH), Kyoto University, Japan	
15:15-15:45		Coffee break			
Session 3		Frontier Research in Bioerfinery			
Chair: Rudianto Amirta & Hiroshi Nishimura	15:45-16:00	Rudianto Amirta	Alkali pretreatment and enzymatic saccharification of plantation forest plant species growth in East Kalimantan	Faculty of Forestry, Mulawarman University, Indonesia	
	16:00-16:15	Anton Muhibuddin	Fungi diversity of plants cell and It's potential for biological control	Faculty of Agriculture, University of Brawijaya, Indonesia	
	16:15-16:30	Doangporn Premjet	Effect of ploidy on fatty acids of Jatropha curcas L.	Center for Agricultural Biotechnology, Faculty of Agriculture, Naresuan University, Thailand	
	16:30-16:45	Yasunori Baba	Biological pretreatment of cellulosic biomass with waste cattle rumen fluid for methane production	Graduate School of Agricultural Science, Tohoku University, Japan	
	16:45-17:00	Hiroshi Nishimura	High resolution and quantitative NMR analysis of whole milled wood and biodegraded wood	Research Institute for Sustainable Humanosphere (RISH), Kyoto University, Japan	
	17:00-17:15	Shinsuke Marumoto	Identification of germicidal compound against picornavirus in bamboo pyroigneous acid	Research Institute for Sustainable Humanosphere (RISH), Kyoto University, Japan	
	17:15-17:30	Takashi Watanabe	Biorefinery study to utilize whole cell wall components for 2nd generation biofuels, chemicals and functional materials	Research Institute for Sustainable Humanosphere (RISH), Kyoto University, Japan	
18:00 ~	Dinnar & Poster Session				
Session 4		Creation of a Paradigm for the Sustainable Use of Tropical Rainforest Resources			
Chair: Mamoru Kanzaki	9:00-9:15	Mamoru Kanzaki	Utilize the biodiversity of Tropical Rainforest	Faculty of Agriculture, Kyoto University, Japan	
	9:15-9:30	Tatsuhiko Ohkubo, Futoshi Ishiguri, Imam Wahyudi	Searching unutilized fast growing native species and the wood properties in secondary forests after shifting cultivation and selection cutting area in Central Kalimantan, Indonesia	Department of Forest Science, Utsunomiya University, Japan	
	9:30-9:45	Euis Hermiati	Screening of tropical fast growing wood species for bioethanol production	R&D unit for Biomaterials, Indonesian Institute of Sciences (LIPI), Indonesia	
	9:45-10:00	Hiroshi Kamitakahara	Diversity of sustainable biomaterials in Central Kalimantan	Faculty of Forestry, Kyoto University, Japan	
	10:00-10:15	Coffee break			
Session 4 (continued)	10:15-10:30	Kenji Umemura	Comparison of mechanical properties of plywoods manufactured from plantation and natural woods	Research Institute for Sustainable Humanosphere (RISH), Kyoto University, Japan	
	10:30-10:45	Ragil Widyorini	Wood properties of fast growing Meranti	Faculty of Forestry, Gadjah Mada University, Indonesia	
Chair: Kenji Umemura	10:45-11:00	Yuliati Indrayani	Physical and mechanical properties of Red Meranti (Shorea leprosula Miq) particleboard from natural and plantation forest	Faculty of Forestry, Tanjungpura University, Indonesia	
	11:00-11:15	Sasa Sofyan Munawar	Cementment of gypsum board made from Red Meranti (Shorea leprosula)	R&D unit for Biomaterials, Indonesian Institute of Sciences (LIPI), Indonesia	
	11:15-11:30	Ismail Budiman	Cement bonded particleboard from natural and plantation Red Meranti (Shorea leprosula)	R&D unit for Biomaterials, Indonesian Institute of Sciences (LIPI), Indonesia	
Closing session					
	11:30-12:00	Takashi Watanabe, Takuro Mori, Bambang Subyanto, Mamoru Kanzaki, Osamu Kozan, Hunsa Punnapayak, Rudianto Amirta			
	12:00-13:00	Lunch			
	13:00-17:00	Tour to wooden cultural assets, Kiyomizudera temple			

Poster Session			
	Tuenchai Kosakul	Efficiency of digital cameras for determination of cellulase activity by digielye method	Faculty of Science, Chulalongkorn University, Thailand
	Shin Sato	Characterization of white rot fungi capable of delignification consistent with smooth enzymatic saccharification of cedar wood	Tottori University of Environmental Studies, Japan
	Sehanat Prasongsuk	Screening of laccase-producing white rot fungi collected from rain forest areas in East Kalimantan, Indonesia	Faculty of Science, Chulalongkorn University, Thailand
	Lucky Risanto	Saccharification of oil palm empty fruit bunch and frond fiber pretreated with single and co-culturing of white rot fungi	R&D unit for Biomaterials, Indonesian Institute of Sciences (LIPI), Indonesia
	Danang Sudarwoko Adi	Potential utilization of fast growing wood species based on their fiber characteristics	R&D unit for Biomaterials, Indonesian Institute of Sciences (LIPI), Indonesia