

# JAPAN – VIETNAM JOINT WORKSHOP ON ENVIRONMENTAL MANAGEMENT OF RIVER BASINS AND SOLID WASTES

November 11, 2012

**Institute of Resources, Environment and Biotechnology (IREB)  
Hue University, Hue City**

### Sponsored by

Practical Research and Education of Solid Waste Management based on Partnership between  
Universities and Governments in Asia and Pacific Countries, granted from the Ministry of  
Education, Culture, Sports, Science & Technology in Japan

&

Institute of Resources, Environment and Biotechnology – Hue University (IREB)

### Cosponsored by

Grant-in-Aid for Scientific Research from Japan Society for the Promotion of Science

<b>OPENING SESSION</b>			
	8:00 - 8:45	Registration	Delegates
	8:45 - 8:50	Welcome and Program Introduction	Hoang Ngoc Tuong Van, IREB
	8:50 - 8:55	Welcome speech	Takeshi Fujiwara Okayama University
	8:55 – 9:05	Opening Speech	Truong Quy Tung Vice - President of Hue University
<b>PRESENTATION SESSION</b>			
<b>Chairs:</b> Hidetaka Chikamori and Le Van Thang			
1	9:05-9:25	Relationships between land use and water quality in the Huong River Basin, Central Vietnam	Morihiro Maeda, Okayama University, Japan
2	9:25-9:45	Application of Principle Component Analysis (PCA) in Assessment Water Quality Data of Huong River – Vietnam	Tran Quang Loc, IREB
3	9:45-10:05	Simulation of Inorganic Nitrogen Loads in the Huong River	Hidetaka Chikamori, Okayama University, Japan
4	10:05-10:25	Status and changes in water quality of Tam Giang - Cau Hai lagoon, Thua Thien Hue Province	Hoang Ngoc Tuong Van, IREB
<b>10:25 - 10:40</b>		<b>Tea break</b>	
<b>Chairs:</b> Morihiro Maeda and Pham Khac Lieu			

5	10:40-11:00	Surface Water Environment At Downstream Of Dong Nai River System In The Context Of Climate Change	Nguyen Ky Phung, Vice-Director, Sub-Institute of Meteorology, Hydrology and Environment of the South Vietnam
6	11:00-11:20	Impacts of Climate Change on Flood Flow and Inundation issue in Nhue – Day river basin, Hanoi city	Tran Ngoc Anh, Hanoi University of Natural Sciences, VNU
7	11:20-11:40	Application of Water Quality Index (WQI) to Assess Changing Tendency of Huong river Water Quality in Space and Time	Tran Dang Bao Thuyen, IREB
8	11:40-12:00	Wastewater treatment with coagulation – case study on wastewater from milking parlor	Hideaki Nagare, Okayama University, Japan
<b>LUNCH BREAK</b>			
<b>Chairs:</b> Md. Azhar Uddin and Tran Ngoc Anh			
9	13:00-13:20	Models of phosphate absorption onto semi-intensive shrimp pond sediment at different pH	Nguyen Van Huy, College of Agriculture and Forestry, Hue University
10	13:20-13:40	Anoxic bacteria reduction of Hg(II) to Hg(0) in wetland sediments	Duong Van Hieu, College of Sciences, Hue University
11	13:40-14:00	Assessment of CO <sub>2</sub> Emission Reduction in Solid Waste Treatment by Composting Compared to Landfill in Hue City	Tran Ngoc Tuan, College of Sciences, Hue University
12	14:00-14:20	Utilization of Digested Slurry from Biogas Digester as a Fertilizer in Vietnam to Minimize Environmental Pollution-Ammonia Volatilization from Paddy Field Soil	Nakamura M., Institute for Rural Engineering, National Agriculture and Food Research Organization
13	14:20-14:40	Study and propose solutions to minimize landfill area in treatment of solid waste in Vietnam urban areas	Nguyen Thi Kim Thai, Institute of Environmental Science and Engineering, Hanoi University of Civil Engineering
<b>14:40 – 14:50                      Tea break</b>			
<b>Chairs:</b> Masato Nakamura and Nguyen Thi Kim Thai			
14	14:50-15:10	Operational efficiency of waste collection alternatives in Danang city	Tran Thi Yen Anh, Okayama University, Japan
15	15:10-15:30	Waste generation and characteristics from business sectors in Hue city	Do Thi Thu Trang, Okayama University, Japan
16	15:30-15:50	Waste recycling by informal sectors in Hue city, Vietnam	Pham Khac Lieu, College of Sciences, Hue University
17	15:50-16:10	Influence of the application of biochar made from rice husks and coconut shells on	Kazuki Miyamoto,

		komatsuna growth and nutrient leaching	Okayama University, Japan
18	16:10-16:30	Application of Biochar from Coconut Shells to Different Soils in Thua Thien Hue Province, Vietnam	Tran Thi Tu, IREB
19	16:30-16:50	Biochar preparation from agricultural residues and their characteristics	Md. Azhar Uddin, Okayama University, Japan
<b>16:50-17:00</b>		<b>Tea break</b>	
	17:00-17:40	<b>Panel Discussion</b> <b>Chairs:</b> Takeshi Fujiwara and Le Van Thang	
<b>CLOSING SESSION</b>			
		Closing Speech	Le Van Thang, IREB

#### **Chairs of Organizing Committee**

Assoc. Prof. Dr. Le Van Thang, IREB  
 Assoc. Prof. Dr. Morihiro Maeda, Okayama University

Email address: tuongvan1508@gmail.com (Secretary of IREB)