

**FY 2012 Final Meeting of
Practical Research and Education of Solid Waste Management
Based on the Partnership among Universities and Governments
in Asia and Pacific Countries**

Date: February 2nd (Saturday), 2013

Venue: The Main Conference Room,
Building of Graduate School of Natural Science and Technology, Okayama University

Organizer: Waste Management Research Center, Okayama University

Program

- 9:30 - 9:35 Opening address**
Dr. Ken Yoshikawa
(Director, Waste Management Research Center, Okayama University)
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- 9:35 - 9:50(1) Physical composition analysis of household waste in Hanoi, Vietnam**
Ms. Luong Thi Mai Huong (National University of Civil Engineering, Vietnam)
- 9:50 - 10:05 (2) Performance of H₂O₂-assisted submerged aerated biofilter for landfill leachate treatment**
Dr. Pham Khac Lieu (Hue University, Vietnam)
- 10:05 - 10:20 (3) Comparison of operational efficiency among waste collection systems in Da Nang city, Vietnam**
Dr. Yasuhiro Matsui (Okayama University, Japan)
- 10:20 - 10:35 (4) Application of biochar from coconut shells to different soils in Thua Thien Hue province, Vietnam**
Ms. Tran Thi Tu (Hue University, Vietnam)
- 10:35 - 10:50 (5) Development of technologies for the utilization of agricultural and forestry wastes: Preparation of biochar from rice residues**
Dr. Md. Azhar Uddin (Okayama University, Japan)
- 10:50 - 11:05 (6) Effect of biochar application to soil on komatsuna growth and nutrient leaching**
Mr. Kazuki Miyamoto and Dr. Morihiro Maeda (Okayama University, Japan)
- 11:05 - 11:20 (7) Status of freshwater fish biodiversity in the Yangtze River Basin, China**
Dr. Jianhua Li (Tongji University, China)
- 11:20 - 11:35 (8) Sustainability assessment using ecological footprint for the establishment of a sound material-cycle society – Focusing on resident lifestyles in Shanghai, China -**
Dr. Takehito Ujihara and Dr. Hirofumi Abe (Okayama University, Japan)
- 11:35 - 12:15 Discussion**
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12:15 - 13:00 Lunch break

13:00 -13:15 (9) Evaluation of the policy effect of the Pay-as-You-Throw (PAYT) systems on household solid waste reduction and the potential environmental impacts -a case study in Taiwan

Dr. Yu-Chi Weng (Hokkaido University, Japan)

13:15 -13:30 (10) Partnership project of solid waste management in Palau

Mr. Mengkur W. Rechelulk (Ministry of Resource and Development, Palau)

13:30 -13:45 (11) Lactic acid fermentation of waste milk

Dr. Hideaki Nagare (Okayama University, Japan)

13:45 -14:00 (12) Waste is a consequence of life: What to do with the wastes that are generated? What are the lessons to be learn for Managing waste in large Cities/Islands (Guam)?

Dr. Mohammad Golabi (University of Guam, Guam)

14:00 -14:15 (13) Utilization of food waste for agricultural applications in Guam

Dr. Mari Marutani and Dr. Hauhouot Diambra-Odi (University of Guam, Guam)

14:15 -14:30 (14) Conversion system using subcritical water to convert biomass to utilizable substances -Conversion from wasted glycerol to lactic acid -

Dr. Yukitaka Kimura (Okayama University, Japan)

14:30 - 14:45 Tea break

14:45 -15:00 (15) Environment impact of coastal restoration with used car tires as breakwater at Chulachomklao Fort, Samutprakan province

Dr. Orawan Siriratpiriya (Chulalongkorn University, Thailand)

15:00 -15:15 (16) Field techniques for measuring field saturated and unsaturated hydraulic conductivity using soil moisture profile in a final disposal site

Dr. Yuji Takeshita and Dr. Mitsuru Komatsu (Okayama University, Japan)

15:15 -15:30 (17) Leachate treatment from municipal solid waste landfill in Indonesia

Dr. Tri Padmi and Dr. Enri Damanhuri (Institut Teknologi Bandung, Indonesia)

15:30 -15:45 (18) Solid waste management in Cambodia

Mr. Sour Sethy (Royal University of Phnom Penh, Cambodia)

15:45 -16:00 (19) Solid waste problem and waste characterization in Phnom Penh, Cambodia

Dr. Takeshi Fujiwara (Okayama University, Japan)

16:00 -16:40 Wrap-up discussion

16:40 -16:45 Closing remarks

Dr. Takeshi Fujiwara

(Deputy Director, Waste Management Research Center, Okayama University)