

**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)
-
- 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**
-

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 Padi 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)

FY2012 Debrief Meeting on Education and Research

Programs of the Graduate School of Environmental and Life Science Okayama University

Okayama University, Japan

Jan.31 Thu. 13:30~
, 2013

Debrief Session of the Project Researches on "Environmental Rehabilitation in Asia"

Feb.1 Fri. 10:00~
, 2013

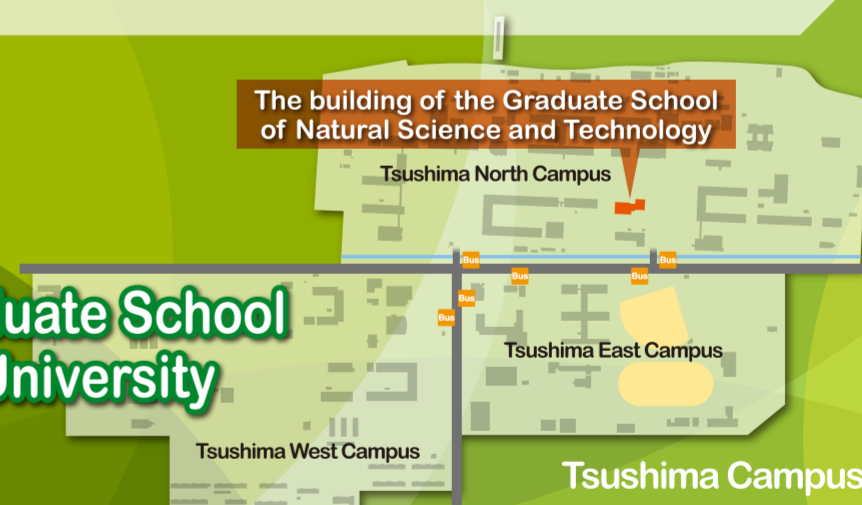
International Symposium on Environmental and Life Science

Feb.2 Sat. 9:30~
, 2013

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

Place

Main Conference Room in the Building of the Graduate School
of Natural Science and Technology, Okayama University



Graduate School of Environmental and Life Science, Okayama University
[3-1-1 Tsushima-naka, Kita-ku, Okayama, 700-8530, Japan]

Phone: +81-86-251-8810