

**FY2010 Debrief Meeting on Educational and Research Programs of
the Graduate School of Environmental Science, Okayama University**

24-25 January, 2011

Program (tentative)

1. Special Lectures on “Environmental Rehabilitation in Asia” by Invitees

Date: 10:00-12:30, 24 January, 2011

Venue: Meeting Room of the Graduate School of Natural Science and Technology Building

- **10:00 Opening Address** Prof. Hirofumi Abe
- **10:05-10:20 Lecture (1)** Disposal Technique of Domestic Sewage Sludge in Yield Increment with Safe from Heavy Metals and Pathogenic Organisms
Assoc. Prof. Orawan Siriratpiriya (Chulalongkorn University, Thailand)
- **10:20-10:35 Lecture (2)** Development of Integrated Construction and Demolition Waste (C&D) Management in Mumbai Metropolitan Region
Prof. Dr. Ashok V. Shekdar (Nagpur Institute of Technology, India)
- **10:35-10:50 Lecture (3)** Waste Reduction through Community Based Management in Cimahi City (West of Java, Indonesia)
Prof. Enri Damanhuri (Institut Teknologi Bandung, Indonesia)
- **10:50-11:05 Lecture (4)** Traditional Waste Recycling Activities in Vietnam
Assoc. Prof. Nguyen Thi Kim Thai (University of Civil Engineering, Vietnam)
- **11:05-11:20 Lecture (5)** Bioremediation of Hydrocarbon Contaminated Soil Using Organic Wastes
Prof. Agamuthu Pariatamby (University of Malaya, Malaysia)
- **11:20-11:35 Lecture (6)** Java's Merapi Volcano Eruption: Disaster Early Response from UGM
Dr. Ahmad Agus Setiawan (Gadjah Mada University)
- **11:35-11:50 Lecture (7)** Estimate Ozone Impact on Crop Yield Loss with FACE Approach
Prof. Zhu Jianguo (Institute of Soil Science, Chinese Academy of Sciences)
- **11:50-12:05 Lecture (8)** Groundwater Flow in Environmental Geosciences: Applications to Nuclear Waste Management and CCS
Prof. Patrick Selvadurai (McGill University)
- **12:05-12:30 Discussion**

12:30-14:00 Lunch Break

2. Debrief Session of the Project Researches on “Environmental Rehabilitation in Asia” by Master's Students in FY2010

Date: 14:00-18:00, 24 January, 2011

Venue: Meeting Room of the Graduate School of Natural Science and Technology Building

- **14:00-14:15 (1)** Urban Transportation
- **14:15-14:30 (2)** Geoenvironmental Problems
- **14:30-14:50 (3)** Rural Environment and Local Society in Thailand
- **14:50-15:10 (4)** Rural Environment and Local Society in Vietnam
- **15:10-15:30 (5)** Desertification and Land Degradation
- **15:30-16:00 Discussion**

- **16:00-16:10 Tea Break**
- **16:10-16:30** (6) Solid Waste Management
- **16:30-16:50** (7) Wetland Conservation
- **16:50-17:10** (8) Atmospheric Environment and Agro-ecosystems
- **17:10-17:25** (9) Environmental Indicators for Sustainable Development
- **17:25-18:00 Discussion**
- **18:30-20:30 Welcome Reception (Peach Union, Okayama University Coop)**

3. International Symposium on Environmental Science and Technology 2011

Date: 9:00-12:00, January 25, 2011

Venue: Lecture Room I of the Graduate School of Natural Science and Technology Building

- **9:00 Opening Address** Prof. Ken Yoshikawa
- **9:05-9:20** Hye-Jin BU
Current Circumstances of Self-governing by Autonomous Organizations in Depopulated Rural Areas: A Case Study of Ikekuwa District, Akitakata City, Japan
- **9:20-9:35** Sheng Ming
The Introduction of Large and Middle-scale Methane plants to Lvshunkou District in Dalian City, China
- **9:35-9:50** Ahmed Farook
Anionic Surfactant (Sodium dodecyl benzene sulfonate) Adsorption on High Humic Soil
- **9:50-10:05** Yoshinori Kawaguchi
Effects of Daylength on Heading of Centipedegrass (*Eremochloa* > *Ophiuroides* (Munro) Hack.)
- **10:05-10:20** Junji Kondo
Effects of Livestock and Shrub on Soil Chemical Properties in the Mongolian Grazing Ecosystems
- **10:20-10:35** Takashi Otda
Fire Succession at Southern Fringes of the Taiga Forest in Mongolia
- 10:35-10:45 Tea Break**
- **10:45-11:00** Eito Kase
Investigation of Recovery Techniques of Ecology Potential Downstream from a Dam Using Bed Form Improvement
- **11:00-11:15** Takashi Nakazawa
Linear Stability Analyses of Flow Fields Driven by Rotating Propellers Used for Water Quality Improvement on Closed Water Surfaces
- **11:15-11:30** Yuichi Ishibashi
Histopathological Information Database System Which Enables Image Retrieval
- **11:30-11:45** Hitoshi Inokawa
Catalytic Activities of Zeolite with Transition Metals for Ethanol Steam Reforming Reaction
- **11:45-12:00** Masahiro Yasukawa
Fabrication of Monodisperse Hydrogel Capsules from W/W/O Emulsion

12:00-13:20 Lunch Break

4. Debrief Session of “Practical Research and Education of Solid Waste Management Based on the Partnerships among Universities and Governments in Asia and Pacific Countries” in FY2010

Date: 13:20-17:00, January 25, 2011

Venue: Lecture Room I of the Graduate School of Natural Science and Technology Building

- **13:20 Opening Address** Prof. Takeshi Fujiwara
- **13:30** Developing Disinfection/Volume-reduction Technologies for the Composting of the Waste with High Moisture Content Prof. Yukitaka Kimura
- **13:45** Development of Technologies for the Reutilization of Agricultural and Forestry Waste Assoc. Prof. Md. Azhar Uddin
- **14:00** Reutilization of Industrial Waste for Agricultural Applications Prof. Mari Marutani and Assoc. Prof. Yoshiro Kishida
- **14:15** Development of Indicators for the Establishment of a Sound Material-cycle Society Assist. Prof. Takehito Ujihara and Prof. Hirofumi Abe
- **14:30** Evaluation of the Performance of the Final Disposal Facility of Waste: Enhancement of the Dielectric Monitoring Method Prof. Yuji Takeshita and Assoc. Prof. Mitsuru Komatsu
- **14:45** Development of a Standardized Monitoring System for Promoting Adequate Landfilling in Asian Countries Assoc. Prof. Toru Iwata
- **15:00** Water Quality Survey on Heavy Metal Pollution from Waste Disposal Facilities in Pacific Countries Assoc. Prof. Hideaki Nagare
- **15:00 – 15:15 Tea Break**
- **15:15** Waste Survey and Establishment of Solid Waste Management in Palau Prof. Takeshi Fujiwara and Mr. Menkur W. Rechelulk
- **15:30** Waste Survey and Establishment of Solid Waste Management in Guam Prof. Takeshi Fujiwara
- **15:45** Political Effect Analysis on Waste Management and 3R Promotion in Vietnam Assoc. Prof. Yasuhiro Matsui
- **16:00** 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 Prof. Sue-Jane Lin and Assist. Prof. Yu-Chi Weng
- **16:15 – 16:30 Tea Break**
- **16:30-16:55 Wrap-up Discussion**
- **16:55 Closing Remarks** Prof. Hirofumi Abe