



TOHOKU
UNIVERSITY

Strategic Energy and Resource Management and Sustainable Solutions
Graduate School of Environmental Studies
Tohoku University JAPAN
国際エネルギー・資源戦略を立案する環境リーダー育成拠点
東北大学大学院環境科学研究科



Tohoku University
Ho Chi Minh City University of Technology

The 2nd International Symposium of Environmental Leader

第2回環境リーダー国際シンポジウム

- DATE** Thursday, December 15, 2011
TIME 09:00-17:30
VENUE Ho Chi Minh City University of Technology (HCMUT),
Ho Chi Minh City University of Technology (HCMUT)
268 Ly Thuong Kiet, District 10, Ho Chi Minh City, Vietnam
- ADMISSION** Free
LANGUAGE English
ORGANIZERS Tohoku University Environmental Leadership Program
Ho Chi Minh City University of Technology



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PROGRAM

- 09:00** **Opening Addresses**
Prof. Kazuyuki Tohji, Dean of the Graduate School of Environmental Studies, Tohoku University (TU)
Prof. Truong Chi Hien, Vice Rector of Ho Chi Minh City University of Technology (HCMUT)
- 09:20** **Keynote Speeches**
Prof. Hiroshi Takahashi, Vice Dean of the Graduate School of Environmental Studies (TU)
"Creation of Artificial Ground by Recycling Tsunami Sludge"
Dr. Ho Long Phi, Director of the Center of Water Management and Climate Changes (VNU-HCM) (HCMUT)
"The Sustainability of Urban Flood Management Practices under Uncertainties"
- 10:20** **Break**
- 10:35** **Students Presentations Morning Session**
Moderator: Assoc. Prof. Yu-You Li, Graduate School of Environmental Studies (TU)
Natsuko Ito, Japan (TU)
"Preparation of octacalcium phosphate for medical application"
Phan Van Duy, Vietnam (HCMUT)
"Strategy For Reducing Environmental Pollution Causing By Inland Waterway Transportation in Vietnam from 2011 to 2020"
Nuhansyah Sulaiman, Indonesia (TU)
"A Two Dimensional Mechanical Model to Apprehend the Dynamic Response of Shallow Buried Structures due to Direct Impact Loading on the Soil Surface Related to Mechanical Landmine Clearing Operations"
Vo Thi Thu Tin, Vietnam (HCMUT)
"Development of Regional Water Quality Index for Urban Water Quality Management in the Southeast Asia Countries"
- 12:00** **Lunch Break**
- 13:30** **Students Presentations Afternoon Session**
Moderator: Assoc. Prof. Huynh Thanh Son, Head of Water Resource Engineering (HCMUT)
Tran Diem Chau, Vietnam (HCMUT)
"Land Use and Bacterial Contamination in the Saigon River"
Hanae Saishu, Japan (TU)
"Texture and Kinetics of Precipitation of Silica Minerals under Crustal Conditions"
Vo Quang Tuong, Vietnam (HCMUT)
"Estimation of Inundation along the Saigon Riverine with Various Scenarios of Food Discharge from Dau Tieng Reservoir"
Anna Suzuki, Japan (TU)
"Tracer Analysis for Sustainable Utilization of Geothermal Reservoirs"
Vo Viet Hai, Vietnam (HCMUT)
"Study on Porous Concrete and Its Application for Drainage System"
Hajime Ohno, Japan (TU)
"Substance Flow Analysis on the Tramp Elements Associated with Iron and Steel Scrap Based on WIO-MFA Model"
- 15:30** **Break**
- 15:50**
Vo Dao Chi, Vietnam (HCMUT)
"Potential of Biomass-town Model Development in Cu Chi, Vietnam"
Paulo Vinicius Queiroz Sousa, Brazil (TU)
"Human Security in Brazilian Amazon Forest, Amazonas State - case study"
- 16:30** **Poster Sessions**
Shogo Kumagai, Japan (TU) "Feedstock Recycling of Organic and Inorganic Materials from Solid Waste"
Hikaru Nishizaka, Japan (TU) "Influence of Carbon Structure of the Anode on the Production of Graphite in Single-walled Carbon Nanotube Soot Synthesized by Arc Discharge Using a Fe-Ni-S Catalyst"
Yong Hu, China (TU) "Treatment of High-sulfate Wastewater Using UASB Reactor"
Yoshinobu Fujimaki, Japan (TU) "In-situ Evaluation of Oxygen Chemical Potential in an SOFC Cathode"
Hongyu Jiang, China (TU) "Biohydrogen Production from Cellulosic Biomass by Dark Fermentation"
Mi Zhao, China (TU) "Materials for Eco-friendly Systems"
- 17:15** **Liaison Office Opening Ceremony**
- 17:30** **Closing Address**
Assoc. Prof. Bui Cong Thanh, Dean of Civil Engineering Faculty (HCMUT)
- 18:00** **Welcome Party**