

# Oral Presentation

## Session A (Conference Room III)

Each oral presentation is allocated 15 minutes, of these the last 5 minutes shall be used for questions, discussion and change over.

**June 23, 2014 (Monday)**

<b>Session A-1 : Disasters (1)</b>			
<b>Chaired by : Zhe-Wen Zheng &amp; Liang-Cheng Chang</b>			
14:50~15:20	SESSION KEYNOTE Speaker: Chyi-Tyi Lee Developing Nationwide Landslide Hazard Maps of Taiwan		
<b>Time</b>	<b>Paper No.</b>	<b>Author</b>	<b>Paper Title</b>
15:20~16:40	ICEO-DI-000 0000447	Zhe-Wen Zheng* Yang-Hao Chao Chung-Ru Ho	Construction and Application of Automatic Oil Detection System around Taiwan
	ICEO-DI-000 0000462	Kon Joon Bhang* Jin-duk Lee	Early Warning System Using Rainfall Intensity for Landslide Disaster Mitigation
	ICEO-DI-000 0000475	Wen-Cheng Lin Jee-Cheng Wu*	Landslide Hazard Susceptibility Zonation Mapped along Suao-Nanao Highway, Yilan, Taiwan
	ICEO-DI-000 0000479	Chih-Chao Ho* Liang-Cheng Chang Chen-Che Pan	Decision Model for Long-term and Short-term Strategies Management
	ICEO-DI-000 0000562	Pei-jun Li* Ben-qin Song Xue-yan Wang	Extraction of Earthquake Induced Building Damage Using Bitemporal VHR Images and Object Based LBP Texture

**June 24, 2014 (Tuesday)**

<b>Session A-2 : Disasters (2)</b>			
<b>The Platform of Meteorological-Hydrological Simulation on Flood and Drought</b>			
<b>Chaired by : Wen-Cheng Liu &amp; Chris Zevenbergen</b>			
<b>Time</b>	<b>Paper No.</b>	<b>Author</b>	<b>Paper Title</b>
10:30~12:10	ICEO-DI-000 0000459	Ya-Chi Chang* Cheng-Hsin Chen Yu-Chi Wang Wen-Dar Guo Jian-Hao Hong	Development of an Automatic Identifying System for Manning's Roughness Coefficient in Yilan River, Taiwan
	ICEO-DI-000 0000463	Hsin-Hung Lin* Yi-Chiang Yu Chu-Ying Kung Jiun-Huei Jang Sheng-Chi Lin Che-Hsin Liu	Integrated Prediction of Interdisciplinary Model and Manage of Disaster Warning in Emergency Operation
	ICEO-DI-000 0000505	Jung-Lien Chu* An-Hsiang Wang Shih-Yao Lin Yun-Ju Chen Yin-Chen Ingrid Chu Jun-Jih Liou Yung-Ming Chen	Analysis of Extreme Drought Events in Taiwan
	ICEO-DI-000 0000518	H.C. Lien* C.H. Chang J.C. Shen S.J. Wu C.T. Hsu	Development of Flood Ensemble Predictions System in Taiwan
	ICEO-DI-000 0000531	Wen-Chang Yang* Jian-Ming Liao Chi-Chuang Wu	A Study of Storm Surge Analyzed from Typhoon Events

## June 24, 2014 (Tuesday)

Session A-3 : Disasters (3)			
Chaired by : Tso-Ren Wu & Chen, Xiaoling			
Time	Paper No.	Author	Paper Title
13:30~15:10	ICEO-DI-000 0000487	Zhi-Mou Chen Yi-Lung Yeh* Ting-Chien Chen	Assessment of Regional Flood Disaster Indicator by Entropy Weighting Method
	ICEO-DI-000 0000495	Hsiao-Wei Chung Cheng-Chien Liu* Bing-Chih Chen Jyh-Ching Juang Cheng-Han Juang Po-Hsun Huang Chien-Cheng Lu Shen-Kai Lien Chiung-Hui Tsai	Low Altitude and Low Cost Remote Sensing System of Flying Balloon Equipped with A Digital Camera for Mapping Landslide Events
	ICEO-DI-000 0000520	Thanh-Van Hoang* Tien-Yin Chou Mei-Ling Yeh Chih-Yuan Chien	Spatial Simulation Model Applied to Sustained Agricultural Practice Under The Impact of Climate Change in Northern Vietnam
	ICEO-DI-000 0000530	Tso-Ren Wu* Yu-Ming Ko Mei-Hui Chuang Chung-Yue Wang Chia-Ren Chu	3D Multi-phase Simulation on the Development of Local Scour
	ICEO-DI-000 0000537	Tai-Sheng Liou* Cheng-Yen Wu Yuan-His Lee Hsueh-Yu Lu	Study of the Carbon Dioxide Leakage in the Yunghoshan-Chinshui Structure Using Numerical Simulations
	ICEO-DI-000 0000546	Duc-Phuong Dao Yuei-An Liou*	Flood Mapping and Losses Assessment in Agriculture in Cambodia, 2013 with Object-oriented Image Analysis

## June 24, 2014 (Tuesday)

Session A-4 : Disasters/Agriculture/Forestry/Fisher			
Chaired by : Ming-An Lee & Tao Che			
Time	Paper No.	Author	Paper Title
15:30~17:10	ICEO-DI-000 0000480	Yu-Ching Lin* Shih-Yuan Lin	Gaussian Fuzzy Membership Applied on Echo Width of Full-Waveform LiDAR Data
	ICEO-DI-000 0000492	Jie Dou* Takashi Oguchi Yunus P. Ali	Integrated Use of Certainty Factor and Statistical Index Methods for GIS-based Evaluation of Landslides in Sado Island, Japan
	ICEO-AF-00 0000524	Hsin-Lin Weia Cho-Ying Huang* Ming-Tzu Chiu Ju-Hung Lin Chao-Ming Chang Yu-Wen Fu Sheng-Feng Shen	Assessment of oolong tea quality using spectroscopy and chemometric analysis
	ICEO-AF-00 0000453	Chang Yi* Ming-An Lee Tzu-Huang Chang Cheng-Hsin Liao	Application of Oceanic Front on Fishing Ground Identifying in the Southern Taiwan Strait
	ICEO-AF-00 0000474	Ying-Nong Chen* Chin-Chuan Han Kuo-Chin Fan	Use Fuzzy Nearest Feature Line Embedding for Hyperspectral Image Classification
	ICEO-AF-00 0000533	Kuo-Wei Lan* Ming-An Lee Sheng-Ping Wang Zhao-Yang Chen	Modelling the Impacts of Environmental Variations on the Fishing Conditions of Swordfish ( <i>Xiphias Gladius</i> ) in the Indian Ocean