

The Tenth International Symposium on Mitigation of Geo- disasters in Asia



Kyoto Conference Proceedings

7 October 2012

Organized by

Department of Geoscience, Shimane University, Japan
Disaster Prevention Research Institute, Kyoto University, Japan
School of Environmental Design, Kanazawa University, Japan



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Program of Kyoto Symposium

The Tenth International Symposium on Mitigation of Geo-disasters in Asia

Place: Uji Campus, Kyoto University

Date: 7 October 2012

Time		Agenda
08:45 – 10:00 Invited Lecture (Comprehensive Research Bldg.)		
Chairpersons: Masakatsu Miyajima		
8:45 – 9:20		Long-term management of Kosi River Basin Balmukunda Regmi
9:20-10:00		The Application of Monitoring and Early Warning System of Rainfall-triggered Debris Flow at Merapi Volcano, Central Java, Indonesia Faisal Fathani
10:00 – 10:15		Coffee Break
Room:	10:15 – 11:00 Presentation, Chairperson: Ko-Fei Liu	
A	10:15 – 10:30	Assessment Social Impact of debris flow disaster by Social Vulnerability Index Ko-Fei Liu, Hsin-Chi Lee, Ying-Hsin Wu
	10:30 – 10:45	The effect of moisture content on the shearing strength of loess Xianli Xing
	10:45 – 11:00	Cut layer rocky landslide development mech. in Lesser Mt. Khingan Hua Jiang, Zhaoguang Hu, Ying Guo, Chunjiao Wang, Wei Shan
	11:00 – 11:15	Coffee Break
	11:15 – 12:00 Presentation, Chairperson: Netra Prakash Bhandary	
	11:15 – 11:30	In-situ Observation on Rainfall Infiltration in Loess Ping Li
	11:30 – 11:45	Influence of reservoir water level variation on slope in lab. flume test Hufeng Yang, Fawu Wang
	11:45 – 12:00	A loess landslide caused by annual water leaking in winter Changliang Zhang
B	10:15 – 11:00 Presentation, Chairperson: Tonglu Li	
	10:15 – 10:30	Investigation of earthquake-rainfall triggered landslide in Tandikat, West Sumatra, Indonesia Fikri Faris, Fawu Wang, Faisal Fathani
	10:30 – 10:45	Comparison between FLO-2D and DEBRIS-2D on the application of assessment of debris flow hazards Ko-Fei Liu, Ying-Hsin Wu
	10:45 – 11:00	Seepage properties of the loess under different consolidation pressures Xiaoyan Lin
	11:00 – 11:15	Coffee Break
	11:15 – 12:00 Presentation, Chairperson: Ranjan Kumar Dahal	
	11:15 – 11:30	Experimental and numerical analysis of mechanical interaction of masonry bricks and mortar Reza Amiraslazadeh, En Lin, Toshikazu Ikemoto, Masakatsu Miyajima
	11:30 – 11:45	Experimental study on landslide dam-break due to internal erosion and piping using monitoring sensors Austin Chukwueloka Okeke, Fawu Wang, Yasuhiro Mitani, Yohei Kuwada
	11:45 – 12:00	The reliability analysis of the loess slope near the Shuidonggou landslide Lijuan Huang
	12:00 – 12:15	Landslide Problem along highway of Central Vietnam Ngoc Ha Do, Fawu Wang, Kyoji Sassa