

土砂災害之機制、預測及評估國際研討會

Sediment-related Disasters: Mechanism, Prediction, and Assessment

Date : 2012/11/06 (Tuesday)

Venue: College of Agriculture and Natural Resources, National Chung Hsing University, Taichung

(地點：國立中興大學農業資源學院 10 樓國際會議廳 台中市國光路 250 號)

研討會規劃單位：行政院國科會、農委會水土保持局、國立中興大學農業資源學院與水土保持學系、中華水土保持學會

Time	Title	Presenter	Moderator
08:30~09:00	Registration		
09:00~09:20	Sediment-related Disaster researches in Taiwan	Su-Chin Chen (陳樹群 興大)	
Session I – Initiation of torrential processes			
09:20~10:30	Mobilization of sediment sources and possibilities to estimate the magnitude of torrential process	Johannes Hübl (奧地利學者)	Jen-Yang Lee (李鎮洋 水保局)
	Deep seated landslides analysis and mapping in Taiwan	Ching-We Lin (林慶偉 成大)	
	Landslide-triggering rainfall thresholds – a review of concepts and some examples	Thomas Glade (奧地利學者)	Wei Wu (奧地利學者)
	Sediment disasters related to recent extreme weather in Hokkaido	Tomomi Marutani (丸谷知己 日本學者)	
10:30~10:50	Tea / Coffee Break (Discussion)		
Session II – Dynamics and runoff prediction			
10:50~12:00	Modeling gravity driven granular flow by discrete element method	Wei Wu (奧地利學者)	Johannes Hübl (奧地利學者)
	Seismic signals of landslides and landslide dam breaches	Zheng-Yi Feng (馮正一 興大)	
	Run-up of landslide runouts against protective barriers – a comparison of the Particle Flow Code (PFC) and DAN	Alexander Preh (奧地利學者)	Ching-We Lin (林慶偉 成大)
	Developing methods for investigating magnitude and frequencies of deep catastrophic landslides	Takshi Gomi (五味高志 日本學者)	
12:00~13:30	Lunch		
13:30~15:10	Sediment disasters and river morphology	Hervé Capart (卡艾瑋 台大)	Florian Rudolf-Miklau (奧地利學者)
	Large-scale experimental modeling of sediment-fluid mixtures	Roland Kaitna (奧地利學者)	
	Road assessment of deep-seated landslide risk involved and the reliability	Kazunori Fujisawa (藤澤和範 日本學者)	
	Effect of variability of rainfall characteristics on watershed sediment yield	Chyan-Deng Jan (詹錢登 成大)	Hsun-Chuan Chan (詹勳全 興大)
	Improvement of bedload transport prediction at steep channel slopes	Michael Chiari (奧地利學者)	
15:10~15:30	Tea / Coffee Break (Discussion)		
Session III – Mitigation, monitoring and remote sensing			
15:30~17:00	Life-cycle orientated management of protection measures against sediment-related disasters providing sustainable safety	Florian Rudolf-Miklau (奧地利學者)	Thomas Glade (奧地利學者)
	Development of acoustic monitoring for alpine mountain hazards	Arnold Kogelnig (奧地利學者)	
	Remote sensing in natural hazard management	Franz Suppan (奧地利學者)	Chyan-Deng Jan (詹錢登 成大)
	Potential and limits of soil bioengineering techniques as mitigation measures against sediment related hazards	Hans Peter Rauch (奧地利學者)	
17:00~17:30	Discussion		

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土砂災害之機制、預測及評估國際研討會報名表

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日期：2012/11/06(星期二)

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