RYUKYU-TAIWAN PSHA WORKSHOP

TEC Meeting Room 7009
7th Floor in the Research Center for Environmental Changes Building

DAY 1 January 30

Opening	Time	Title / Speaker
*** *********************************	09:00 - 09:30	Ice Break
* Kuo-Fong Ma 馬國鳳 (IES & E-DREaM) Session 1: Historical and Instrumental Catalogs 09:50 - 10:00 Comparison of JMA and CWB catalogue * Nobuyuki Morikawa 森川信之 (NIED) 10:00 - 10:15 Taiwan Regional Moment Tensor Solution: The AutoBATS CMT Catalog * Wen-Tzong Liang 梁文宗 (IES) 10:15 - 10:25 The current status and challenge of the CWA earthquake catalog * Da-Yi Chen 陳達毅 (CWA) 10:25 - 10:30 Earthquake catalog integration * Jia-Cian Gao 高嘉謙 (E-DREaM) Employing the ETAS model with stochastic declustering for differentiating clustered seismicity from total seismicity * Ming-Che Hsieh 謝銘哲 (E-DREaM) 10:40 - 12:00 Session 1 Discussion 12:00 - 13:30 Lunch Session 2: Subduction Interface and active Faults 13:30 - 13:40 * Yuji Dohi 土肥裕史 (NIED) The Offshore Seismogenic Structure Database in Northeast Taiwan * Cheng-Hung Chen 陳承鴻 (NTU) 13:50 - 15:00 Session 2 Discussion	09:30 - 09:50	Opening
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15:00 - 15:30 Coffee break	13:50 - 15:00	Session 2 Discussion
	15:00 - 15:30	Coffee break



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Time	Title / Speaker	
Session 3: Strong-motion: Database, simulations and GMPE		
15:30 - 15:40	Strong motion database for subduction zones	
	★ Asako Iwaki 岩城麻子 (NIED)	
15:40 - 15:50	Development of flatfile and selection of GMPEs for Ryukyu subduction	
	★ Jia-Cian Gao 高嘉謙 (E-DREaM)	
15:50 - 17:00	Session 3 Discussion	
17:00 -	Dinner	
	★ LE BLE D'OR @ CITYLINK, Nangang 金色三麥 南港 citylink 店 (1st Floor Building C, No. 299, Sec. 7, Zhongxiao E. Rd., Nangang Dist., Taipei)	

DAY 2 January 31

Time	Title / Speaker
	Session 4: Probabilistic Seismic Hazard Assessment
09:30 - 09:40	Japan PSHA based on the new long-term evaluation
	★ Nobuyuki Morikawa 森川信之 (NIED)
09:40 - 09:50	Integrating multiple-structure rupture into probabilistic seismic hazard assessment
	★ Chung-Han Chan 詹忠翰 (E-DREaM)
09:50 - 10:30	Session 4 Discussion
	Additional Session: The Noto Peninsula Earthquake
10:30 - 10:50	Brief summary of the 2024 Noto-Hanto earthquake
	★ Ken X. Hao 郝憲生 (NIED)
10:50 - 11:20	Discussion: How to improve seismic hazard assessment through the lesson of the Noto Peninsula earthquake?
11:20 - 12:00	Wrap-Up
	Future orientation of the project
12:00	Lunch
13:00	Japan delegation departure to the Songshan Airport
16:50	Songshan -> Haneda

