

RYUKYU-TAIWAN PSHA WORKSHOP

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

DAY 1

January 30

Time	Title / Speaker
09:00 - 09:30	Ice Break
	Opening
09:30 - 09:50	★ Ken X. Hao 郝憲生 (NIED) ★ 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)
10:30 - 10:40	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	Tsunami fault model along Ryukyu Trench ★ Yuji Dohi 土肥裕史 (NIED)
13:40 - 13:50	The Offshore Seismogenic Structure Database in Northeast Taiwan ★ Cheng-Hung Chen 陳承鴻 (NTU)
13:50 - 15:00	Session 2 Discussion
15:00 - 15:30	Coffee break



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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



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