

The 15th Japan-Taiwan International Workshop on Hydrological and Geochemical Research for Earthquake Prediction

7 September, 2016

Meeting room No.2, GSJ, AIST, Tsukuba, Japan

No	From	To	Name	Presentation
Morning session				
	10:00	10:10	Eikichi Tsukuda (AIST)	Greeting
1	10:10	10:35	Yuzo Ishikawa (AIST)	The 2016 Kumamoto M6.5 & M7.3 earthquakes
2	10:35	11:00	Naoji Koizumi (USP)	Groundwater changes related to the 2016 Kumamoto earthquakes
3	11:00	11:25	Yasuyuki Kano (DPRI, KU)	Hot Spring Anomalies Observed in Kumamoto Prefecture Associated with the 1946 Nankai Earthquake
4	11:25	11:50	Ryoya Ikuta (SU)	Probability Assessment of Huge Inter-plate Earthquakes in Global Subduction Zones -from the View of Slip Deficit-
5	11:50	12:15	Masataka Ando (SU)	Need for more seafloor geodetic observations in the southernmost Ryukyu arc
	12:15	12:30	Group Photo at the 1st floor of the building	
	12:30	13:40	Lunch (Lunch Meeting for presenters at Meeting Room No.1 at 8th floor)	
Afternoon session #1				
6	13:40	14:05	Min-Chien Tsai (CWB)	Preliminary study of GPS observation and seismic activity: 2016 Meinong earthquake, Taiwan
7	14:05	14:30	Jyr-Ching Hu (NTU)	Seismic Hazards on High Strain Accumulation in SW Taiwan: Insight from Multiple Fault Slip Triggered by 2016 Mw 6.4 Meinong Earthquake
8	14:30	14:55	Ching-Chou Fu (IES, AS)	Temporal changes in gas geochemistry and gamma rays as a precursor of the 2016 M6.6 Meinong earthquake, southern Taiwan
9	14:55	15:20	Wen-Chi Lai (DPRC, NCU)	The study of the coseismic groundwater level changes in Taiwan: An updated in ML 6.4 Tainan earthquake, Feb. 6th 2016
	15:20	15:50	Coffee break and Poster session	
Afternoon session #2				
10	15:50	16:15	Fumiaki Tsunomori (UT)	Temporary Change of Gas Composition in Groundwater of Atotsugawa Observation Well, Japan
11	16:15	16:40	Hidemi Tanaka (UT)	Hydrological characteristics of the Kamishiro fault deduced from fluid discharge by 2014 North-Nagano earthquake
12	16:40	17:05	Kuo-Fong Ma (NCU)	Hydrological Parameters Estimation Through Seismological Investigation on Fluid Migration Activity After Earthquakes: Case Study for 1999 M7.6 Chi-Chi, and 2016 M6.4 Meinong, Taiwan, earthquakes
13	17:05	17:30	Norio Matsumoto (AIST)	In-Situ Permeability of Fault Zones Estimated by Hydraulic Tests and Continuous Groundwater-Level Observation
	17:30	18:00	Discussion	
	18:00		Banquet (Café Piquenique)	
<p>Title of posters</p> <p>P1. T. Shibata (Institute for Geothermal Sciences, Kyoto University), P. Méjean, N. Takahata and Y. Sano (Atmosphere and Ocean Research Institute, University of Tokyo) Helium measurements in a hot spring well in Beppu, Japan</p> <p>P2. T. Sato (AIST) Anomalous continuous discharge of hot spring water over five years due to the 2011 Iwaki earthquake in Japan</p> <p>P3. Y. S. Togo (AIST) Contribution of slab-derived water in deep groundwater in Tohoku</p> <p>P4. K. Kazahaya, Takahashi M (AIST), Matsuzawa T, Hasegawa A (Tohoku Univ.), Yasuhara M., Oyama Y, Kirita T(AIST), Iwamori H (JAMSTEC) Cogenetic distributions of deep-seated fluids and earthquakes in Japan arc: Implications for slab fluid processes</p> <p>P5. N. Matsumoto (AIST) Response of groundwater level to large strain change associated with high embankment near the well</p>				
<p>IES, AS: Institute of Earth Sciences, Academia Sinica, Taiwan</p> <p>NCU: National Central University, Taiwan</p> <p>CWB: Central Weather Bureau, Taiwan,</p> <p>NTU: National Taiwan University, Taiwan</p> <p>DPRC , NCKU: Disaster Prevention Research Center, National Cheng Kung University, Taiwan</p> <p>USP: The University of Shiga Prefecture</p> <p>DPRI, KU: Disaster Prevention Research Institute, Kyoto University</p> <p>SU: Shizuoka University</p> <p>UT: University of Tokyo</p> <p>AIST: National Institute of Advanced Industrial Science and Technology</p>				

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