

# Program of Japan-Korea Joint Symposium

## on

### Survey and Evaluation Technologies of Underground Environment

日時: 平成29年7月25日 AM 9:30 - PM 5:15

場所: 寒地土木研究所 1階講堂: (札幌市豊平区平岸1条3丁目1-34)

参加費: 無料

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ただし、参加にあたっては事前申し込みが必要です。

	Session	Time	Speaker	Institution	No.	Title	
AM	<b>9:00 - 9:30 Registration</b>						
	<b>9:30 - 10:00</b> <b>Opening Ceremony</b> <i>Presiding by Ito (CERI)</i>	10	KAMADA	Teruaki	CERI		Opening address
		10	KANG	Tae Seob	PKNU		Conglaturatory address
		10	Commemorative				Photo & Present Exchange
	<b>10:00 - 11:00</b> <b>Keynote Session</b> <i>Presiding by Kurhashi (CERI)</i>	30	KODAMA	Jun-ichi	Hokkaido University	K1	Estimation of regional stress state and Young's Modulus of ground at Torigatayama limestone quarry, Japan
		30	KANG	Tae Seob	PKNU	K2	Source parameters of intraplate earthquakes in the Korean Peninsula: The September 12, 2016 Gyeongju earthquake sequence
	<b>11:00 - 11:15 Coffee Break</b>						
	<b>11:15 - 12:15</b> <b>Oral Session 1</b> (Natural Hazards) <i>Presiding by Agui (CERI) &amp; Chung(PKNU)</i>	15	KIM	Young Seog	PKNU	O1	Related faults and kinematics associated with the 9.12 Gyeongju Earthquake ( $M_L=5.8$ ) in Korea
		15	YOO	Hyun Jae	PKNU	O2	Seismic observations at semi-temporary stations in the area around the Jangbogo research station, Northern Victoria Land, Antarctica
		15	TSUNODA	Fujio	CERI	O3	Detection of landslide displacement during snowmelt periods using interferometric SAR from two observation directions
15		BANDAZI	Chimwemwe Nelson	Hokkaido University	O4	Rock slope displacement for three years at Higashi-shikagoe limestone quarry, Japan	
PM	<b>0:15 - 1:15 Lunch</b>						
	<b>1:15 - 2:45</b> <b>Oral Session 2</b> (Natural Environment & Poster Short Presentation) <i>Presiding by Inoue(NIRE) &amp; Kim, Y.S.(PKNU)</i>	15	ISHIDA	Satoshi	NIRE	O5	Distribution of groundwater age and fluctuation of $NO_3-N$ concentration in groundwater in the reservoir area of Sunagawa underground dam, Miyako Island, Japan
		15	CHUNG	Sang Yong	PKNU	O6	Aquifer parameters of unconsolidated sediments at a coastal area in Busan City, Korea
		15	TSUCHIHARA	Takeo	NIRE	O7	Environmental tracer-based research of interaction between surface water and groundwater; A review and application in the Tedoru river alluvial fan
		15	SENAPATHI	Venkatramanan	PKNU	O8	Sources of heavy metal contamination in surface sediments at Nakdong River Basin, South Korea
		3	ITO	Yoshihiko	CERI	P1	Study on road slope failure around the Nissho Pass of R274 by heavy rain with the Typhoon Lionrockin 2016.
		3	KURAHASHI	Toshiyuki	CERI	P2	Geomorphological characteristics of slope failure by the 2016 Typhoon Lionrock along national routes across the northern Hidaka Mountains, central Hokkaido
		3	YOSHINO	Kohei	CERI	P3	Review of estimation amount of snowmelt -towards evaluation index for road slope
		3	AGUI	Katsuhito	CERI	P4	Modeling of the rock slope loosening process with toppling failure under the finite element method
		3	KIM	Hee Joon	PKNU	P5	In-loop transient electromagnetic responses of deep-sea polarizable hydrothermal deposits
		3	NAKA	Ryosuke	Hokkaido University	P6	Numerical analysis of thermal stress induced in small-scale UCG model test
		3	ARAI	Tomoyuki	Fujita Co.	P7	Applicability of wet-dry cyclic test equipment for rapidly deteriorative rock
		3	KISANUKI	Hiroshi	PWRI	P8	Time-lapse monitoring of water infiltration process in the vadose zone by 2 D resistivity survey
		3	TAMOTO	Shuichi	CERI	P9	Characterization of arsenic and boron adsorption onto natural materials in the oxidation-reduction condition
	3	OKAZAKI	Kenji	CERI	P10	Water tank experiment for purifying drainage water containing selenium using <i>Eleocharis acicularis</i>	
	<b>2:45 - 3:25 Coffee Break and Poster Session</b>						
	<b>3:25 - 5:10</b> <b>Oral Session 3</b> (Investigation for underground) <i>Presiding by Okazaki (CERI) &amp; Ishida(NIRE)</i>	15	NIWA	Hiroumi	Fujita Co.	O9	An evaluation of rock mass property around tunnel with time-dependent deformation
		15	YAMAZAKI	Shusaku	CERI	O10	Geological factor of time-dependent tunnel deformation in Neogene volcanic rock sequence in Hokkaido, Japan
		15	ONISHI	Kyosuke	PWRI	O11	Mapping 3D pavement structures using a multi-channel ground-penetrating radar
		15	NGUYEN	Thi Thao Van	Muroran Institute of Technology	O12	Seismic response of piled raft foundation and its evaluation
15		INOUE	Keisuke	NIRE	O13	Resistivity monitoring of a water-leaking paddy field	
15		EDWARDS	Paul	PKNU	O14	Permeability contrasts in the damage zone of normal faults	
15		BOEUT	Sophea	Hokkaido University	O15	Change in permeability of Cretaceous sandy shale in Kushiro Coal Mine due to axial stress disturbance.	
<b>5:10 - 5:15 Closing Address by NISHIMOTO (CERI)</b>							