



KSEG



12th ARC of IAEG

Asian Regional Conference of IAEG

September 23 - 27 2019

<http://www.iaegarc12.org>



3rd Circular



12th ARC of IAEG

Asian Regional Conference of IAEG

Dear Colleagues !

The Korean National group of IAEG and the organizing committee of 12th ARC cordially welcome your participation and support for the 12th ARC. About 400 papers from 27 countries have been submitted for this coming event. Therefore, we believe that 12th ARC will provide an excellent platform not only for Asian Engineering Geologist but also for colleagues from all over the world to share their knowledge and experiences. We look forward to meeting you at the beautiful volcanic island, Jeju.

Registration Guideline

- Please visit our official website at www.iaegarc12.org
- For those who submitted the abstracts: The registration is mandatory if presenting/corresponding author wishes the abstract to be included in the E-book.
- Registration fee includes lunches during conference, banquet and half-day tour on **25th September (Wed)**

Category	Early Bird (~7/31)	Standard / Onsite (8/1~9/27)	Note
Participants			
Oral / Poster Presenter	₩ 500,000 / \$500	₩ 550,000 / \$550	
Participants (2)	₩ 200,000 / \$200	₩ 250,000 / \$250	Applied based on the United Nation(UN) Low Income Country list (2018)
Companion	₩ 200,000 / \$200	₩ 250,000 / \$250	
Students	₩ 150,000 / \$150	₩ 200,000 / \$200	
Sponsors	Free registration benefits may vary based on the sponsorship level. (For more information, Please refer to the "Sponsorship Package Guideline" page.)		



KSEG

Jeju CVB
Jeju Convention & Visitors Bureau

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TEL +82-42-280-2737 / FAX +82-42-280-4575

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[12th ARC of IAEG Secretariat office] Email: secretariat@iaegarc12.org

Tentative Schedule

• 9/24 (TUE)

Time	B2			B1	
	Sapphire	Emerald A	Emerald B	Board room 1	Board room 3
09:30 ~10:00	Opening ceremony (Sapphire)				
10:00 ~11:00	Keynote lecture 1, 2 (Sapphire) Dr. Lee / Dr. Guzzetti				
11:00 ~11:30	Poster session / Coffee break				
11:30 ~13:00	Technical session (Geo-hazards I)	Technical session (Env. And Hydro. I)	Technical session (Application New Tech. I)	Technical session (Site Investigation I)	Technical committee C25 Session I
13:00 ~14:00	Lunch				
14:00 ~15:00	Keynote lecture 3, 4 (Sapphire) Prof. Ichikawa / Prof. Burns				
15:00 ~16:30	Technical session (Geo-hazards II)	Technical session (Soil and Rock I)	Technical session (Const. and Maint. I)	Special session I	Technical committee C25 Session II
16:30 ~17:00	Poster session / Coffee break				
17:00 ~18:30	Technical session (Geo-hazards III)	Technical session (Soil and Rock II)	Technical session (Const. and Maint. II)	Special session II	YEG Session

• 9/25 (WED)

Time	B2			B1	
	Sapphire	Emerald A	Emerald B	Board room 1	Board room 3
08:30~10:00	Technical session (Geo-hazards IV)	Technical session (Geo-hazards V)	Technical session (Const. and Maint. III)	Technical session (Application New Tech. II)	Technical session (Site Investigation II)
10:00~10:30	Keynote lecture 5 (Sapphire) Prof. Chigira				
10:30~10:45	Coffee break				
10:45~12:30	Technical session (Geo-hazards VI)	Technical session (Geo-hazards VII)	Technical session (Soil and Rock III)	Technical session (Env. And Hydro. II)	
12:30~18:00	Field trip				
18:00~20:00	Banquet				

• 9/26 (THU)

Time	B2			B1	
	Sapphire	Emerald A	Emerald B	Board room 1	Board room 3
08:30~10:00	Technical session (Geo-hazards VIII)	Technical session (Geo-hazards IX)	Technical session (Site Investigation III)	Technical session (Env. And Hydro. III)	
10:00~10:30	Poster session / Coffee break				
10:30~11:30	Keynote lecture 6, 7 (Sapphire) Prof. Wu / Prof. Jang				
11:30~13:00	Technical session (Geo-hazards X)	Technical session (Geo-hazards XI)	Technical session (Soil and Rock IV)	Technical session (Env. And Hydro. IV)	
13:00~14:00	Lunch				
14:00~15:30	Technical session (Geo-hazards XII)	Technical session (Const. and Maint. IV)	Technical session (Soil and Rock V)	Technical session (Application New Tech. III)	Technical committee C29 Session I
15:30~16:00	Coffee break / Poster session				
16:00~17:30	Technical session (Geo-hazards XIII)	Technical session (Const. and Maint. V)	Technical session (Soil and Rock VI)	Technical session (Application New Tech. IV)	Technical committee C29 Session II
17:30~18:00	Closing ceremony (Sapphire)				

Tour Programs

• Complimentary Tour

Date / Time	Tour Program	Price (USD)
9/25 (Wed)	12:30 ~ 17:00 Jeju Geo-Park Tour - free half-day tour includes lunch - your registration fee includes this tour program	Free

• Optional Tour

Date / Time	Tour Program	Price (USD)
9/23 (Mon)	09:00 ~ 17:30 Jeju Geo-Trekking Tour	\$ 70
	09:00 ~ 18:00 Jeju Samdado (Culture) Tour	\$ 70
	13:00~17:00 Geobrug Systems in Jeju Tour	\$ 55
9/24 (Tue)	14:00~17:00 Companion Tour Program (Healing Session)	\$ 65
9/27 (Fri)	09:00~18:00 UNESCO Natural Heritage Tour (with Dr. Byung Joo LEE)	\$ 75
	09:00~17:30 Jeju Culture Tour	\$ 75

- All the field trips, except 25th, are optional program and will be charged
- The above itinerary is subject to change according to the local circumstance.
- For more information, please refer to the Tour Program page on the official website.

Keynote Lecturers

Prof. Scott BURNS | Portland State University

Climate warming leads to more forest fires and more debris flows, with some delayed flows

Prof. Masahiro CHIGIRA | Kyoto University

Recent large landslide hazards in asian countries and their background

Prof. Fausto GUZZETTI | National Research Council, Research Institute for the Geo-hydrological Protection (Director of IRI), Perugia, Italy

Recent large landslide hazards in asian countries and their background

Prof. Bo An JANG | Kangwon National University

Fracture development in rock and soil by plasma blasting

Prof. Yasuaki ICHIKAWA | Neutron Therapy Research Center, Okayama University

Safe disposal of radioactive wastes for natural disasters

Dr. Byung Joo LEE | Emeritus Researcher, KIGAM

Quaternary volcanism and geo-technical characteristics at Jeju Island

Prof. Faquan WU | Shaoxing University

A convenient and intelligent platform of SMRM calculation

Technical Session-Invited Lecturers

Prof. Jeong Woo KIM

University of Calgary, Canada

Prof. Filippo CATANI

University of Firenze, Italy

Prof. Biswajeet PRADHAN

University of Technology Sydney, Australia

Dr. Janusz WASOWSKI

Research Institute for Geo-hydrological Protection - National Research Council, Italy

Prof. Craig H. BENSON

University of Virginia, USA

Prof. Kevin T. FINNERAN

Clemson Univ., USA

Prof. Takeshi KATSUMI

Kyoto University, Japan

Prof. Andreas WELLER

Clausthal University of Technology, Germany

Dr. Kaveh Sookhak LARI

The Commonwealth Scientific and Industrial Research Organisation, Australia

Prof. Jean HUTCHINSON

Queen's University, Canada

Prof. Ko Fei LIU

National Taiwan University, Taiwan

Prof. Matteo BERTI

University of Bologna, Italy

Prof. Mowen XIE

University of Science and Technology Beijing, China

Hotel Information

	Room Type	Size of room (m ²)	Weekdays Price [Sunday~Thursday]	Weekends Price [Friday~Saturday]	Note
HOTEL	Standard Double Standard Twin	23.1m ²	₩ 80,000 / \$70	₩ 110,000 / \$100	- Per room per night - Including surcharge & VAT - Free Parking - Free Wi-fi - Breakfast not included
	Deluxe Double Deluxe Twin	39.6m ²	₩ 110,000 / \$100	₩ 140,000 / \$125	
	Deluxe Double Ocean Deluxe Twin Ocean	39.6m ²	₩ 130,000 / \$120	₩ 160,000 / \$145	
	Junior Suite	46.2m ²	₩ 140,000 / \$125	₩ 170,000 / \$155	
	Hollywood Hollywood Ocean	59.4m ²	₩ 170,000 / \$155 ₩ 190,000 / \$170	₩ 200,000 / \$180 ₩ 220,000 / \$200	
RESORT	Premium Premium Ocean	75.9m ²	₩ 130,000 / \$120 ₩ 150,000 / \$135	₩ 160,000 / \$145 ₩ 180,000 / \$165	
	Premium Suite Premium Suite Ocean	148.5m ²	₩ 200,000 / \$180 ₩ 220,000 / \$200	₩ 230,000 / \$210 ₩ 250,000 / \$225	

YEG(Young Engineering Geologist) Event

During the conference, the YEG social event will be supported by Korean National group of IAEG. The ice-breaking reception will be held at the conference of the venue hotel on September 24 afternoon. Then unofficial social event with Korean food will be followed after the reception. This event is opened to all young engineering geologists and professional. The details will be announced soon. in official homepage(www.iaegarc12.org)

Workshop

“Landslides triggered by the 1999 Chi-Chi, Taiwan earthquake : Lessons learned”

Date September 23rd 2019

Place Board room 1 (B1) of Venue Hotel

Main Topics

1. Earthquake triggered landslides : From regional-scale susceptibility map to hazard map
2. (Mega) catastrophic landslides triggered by earthquakes : Characterizing the dynamic strength of dominating structures.
3. Seismic site effects : Implications for regional- to local-scale assessment of slope susceptibility to earthquake triggered failures.

Organizers

Earthquake-Disaster & Risk Evaluation and Management, E-DREaM Center, National Central University
 National Research Council, Italy
 Korean National Group of IAEG

Contact person

Jia-Jyun Dong, jjdong@geo.ncu.edu.tw

Note : **Please visit our official homepage for the details.**

This workshop is free for the participants of ARC. Who interested in the participation of this workshop, please contact Jia-Jyun Dong. For the limited seats, we can only accept the first 30 researches, who willing to share the research experiences on the aforementioned three main topics of this workshop.

Special Session

“High Resolution Site Characterization and Geophysical Exploration for Understanding the Fate and Transport of Contaminants in Subsurface Environments”

Date September 24th 2019

Place Conference room at venue hotel (detailed room number will be announced)

Invited Lecturers

Prof. Craig H. Benson (University of Virginia, USA)

Tackling geoenvironmental problems in the unsaturated zone: principles and practice

Prof. Kevin T. Finneran (Clemson Univ., USA)

Using information to your advantage: data analyses and interpretation to design engineered and passive remediation strategies

Prof. Takeshi Katsumi (Kyoto University, Japan)

Towards sustainable soil management - use of excavated soils with natural contamination

Prof. Andreas Weller (Clausthal University of Technology, Germany)

Permeability prediction based on geoelectrical parameters

Dr. Kaveh Sookhak Lari (The Commonwealth Scientific and Industrial Research Organisation, Australia)

Modelling multi-phase multi-component Inapl dynamics and recovery in the subsurface

12th ARC of IAEG Sponsorship

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