

# The 6<sup>th</sup> International Conference on Geotechnical Engineering

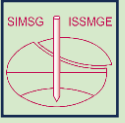
July 22<sup>nd</sup> - 23<sup>rd</sup>, 2024

Universitas Diponegoro Campus  
Central Java, Indonesia

Organized by :



Under the Auspices :



## Keynote Speakers

Theme :

**Recent Innovative  
Ground Improvement  
Technology for Mega  
Infrastructures Development:  
Challenges and Opportunities**



Soft Soil Engineering  
Soil Characteristics, Engineering  
Geology and Investigation

Liquefaction, Soil Dynamics, and  
Geotechnical Earthquake Engineering

Ground Improvement: Deep Vibro-Technique,  
Dynamic Compaction; Deep Soil Mixing; Rigid  
Inclusion; Vacuum Consolidation; Preloading with  
Surcharging, Stone Column; Geotextile etc.

Geotechnical Reliability, Risk Assessment and  
Management

Shallow and Deep Foundations  
Expansive Soil etc.

## Invited Speakers

## Call for Papers:

Each Author can only submit one abstract with his/her name as the first author directly to the Organizing Committee.

## Important dates:

Abstract Submission : March 15<sup>th</sup>, 2024  
Announcement : April 10<sup>th</sup>, 2024  
Full Paper : May 10<sup>th</sup>, 2024

## Registration period:

Early Bird Registration Period : March 15<sup>th</sup>, 2024  
Late Registration Period : May 1<sup>st</sup> – June 1st, 2024  
Conference Date : July 22<sup>nd</sup> – 23<sup>rd</sup> 2024

## Registration Fees:

Registration Category	Early Registration	Late Registration	On-Site Registration
Participants (full option)	USD500	USD550	USD600
Student (full option)	USD400	USD450	USD450
Student	USD250	USD300	USD300
Local participants <sup>*)</sup>	IDR1,000,000	IDR1,500,000	IDR1,500,000
Local student participants		IDR500,000	
Workshop		IDR500,000	

<sup>\*)</sup> Author will be charged additional fee for article processing charge in Scopus indexed proceeding as much as IDR1,500,000

## Lecture by :

- ✓ Prof. Chu Jian
- ✓ Dr. Leong Kam Weng, B.Eng., Ph
- ✓ Prof. Askar Zhussupbekov
- ✓ Prof. Ir. Widjojo A. Prakoso, M.Sc., Ph.D.
- ✓ Dr. Li Bin
- ✓ Ir. Andi Kurnia Setiadi Kartawiria, S.T., M.T

## Special Workshop

Date : July 21<sup>st</sup>, 2024



## VISIT MORE INFORMATION :

Sdri. Tia – 0813 2603 5963

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<http://www.rcigi-undip.com>

Fully Supported by:



## International Conference

### Day 1

time	July 22nd, 2024		
08.00	Start of Registration		
08.10 - 08.30	Opening event: Traditional dance		
08.30 - 08.40	Welcoming speech by Chair of rCIGI Prof. Dr. Ir. SPR Wardani, M.Sc.		
08.40 - 08.50	Welcoming speech by President of ISGE (HATTI) Prof. Ir. Widjojo A. Prakoso, M.Sc., Ph.D.		
08.50 - 09.05	Welcoming speech by Vice President Asia of ISSMGE Prof. Keh-Jian (Albert) Shou		
09.05 - 09.20	Speech and Opening by Rector of Universitas Diponegoro		
09.20 - 10.00	<b>Keynote dan Invited Speakers Group Photo &amp; Tea Break</b>		
	Moderator: Prof. Ir. Masyhur Irsyam, M.S.E., Ph.D.		
	Keynote Speaker		
10.00 - 10.30	Dr. Hedy Rahadian, President of IRDA		
	<i>"Geotechnical Engineering Challenge in Highway Construction: Indonesia experience"</i>		
	Keynote Speaker		
10.30 - 11.00	Prof. Keh-Jian (Albert) Shou, Vice President Asia of ISSMGE		
	<i>"On the Impact of Climate Change to the Landslide Hazard"</i>		
	Keynote Speaker		
11.00 - 11.30	Prof. Chu Jian, Nanyang Technology University, Singapore & Iowa State University, USA		
	<i>"Improvement of Soft Clay Fills using Short PVDs and Horizontal Drainage Enhanced Geotextile (HDeG) Methods"</i>		
	Keynote Speaker		
11.30 - 12.00	Prof. Dr. Ir. Ramli Nazir, Universiti Teknologi Malaysia, Malaysia		
	<i>"A Tropical Soft Soil Lesson Learned from Malaysia's Experience"</i>		
	Keynote Speaker		
12.00 - 12.30	Prof. Askar Zhussupbekov, Eurasian National University, Kazakhstan		
	<i>"Geotechnical Considerations of Foundations of Megastructures on Problematical Soil Ground of Kazakhstan"</i>		
12.30 - 13.30	<b>Lunch</b>		
	Room 1	Room 2	Room 3
	Special Session (Invited)	Special Session (Invited)	Special Session (Invited)
	Moderator: Dr. Idrus Muhammad, M.Sc.	Moderator: Ir. Lutfi Faizal	Moderator: Dr. Adrin Tohari, M.Eng.
13.30 - 14.30	Dr. Philipp Schober, BAUER Spezialtiefbau GmbH, Malaysia	Prof. Nurly Gofar, Universitas Bina Darma, Palembang	Prof. Agus Setyo Muntohar, Ph.D.(Eng.) Universitas Muhammadiyah Yogyakarta

REGISTRATION

	Agus Himawan, S.T., M.T., Indonesian Society for Geotechnical Engineers (HATTI)	Marcello Djunaidy, S.T., M.T., Indonesian Society for Geotechnical Engineers (HATTI)	Ir. Andhika Sahadewa, S.T., M.S.E., Ph.D. Indonesian Society for Geotechnical Engineers (HATTI)
14.30 - 15.00	Room 1 Conference Paper WLF5-23	Room 2 Conference Paper WLF5-24	Room 3 Conference Paper WLF5-25
15.00 - 15.30	<b>Tea Break</b>		
15.30 - 16.30	Room 1 Conference Paper WLF5-26 WLF5-29	Room 2 Conference Paper WLF5-27 WLF5-30	Room 3 Conference Paper WLF5-28 WLF5-31

## Day 2

time	July 23rd, 2024		
08.00	Start of Registration		
	Moderator: Prof. Agus Setyo Muntohar, Ph.D.(Eng.)		
08.30 - 09.00	Keynote Speaker Prof. Eun Chul Shin, Incheon National University (INU), South Korea <i>"Case Study of Soft Ground Improvement by Utilizing PVD and WHD"</i>		
09.00 - 09.30	Keynote Speaker Prof. Li Bin, First Harbor Engineering Company, CCCC, China <i>"Intelligent Equipment and Green Construction Technologies for Soft Soil Treatment"</i>		
09.30 - 10.00	Keynote Speaker Prof. Hung, Wen-Yi, National Central University, Taiwan <i>"Soil Improvement by Microbial-Induced Calcium Precipitation for Liquefiable Soil by Centrifuge Modeling"</i>		
10.00 - 10.30	<b>Tea Break</b>		
10.30 - 11.00	Keynote Speaker Prof. Ir. Widjojo A. Prakoso, M.Sc., Ph.D., Indonesia University, President of Indonesian Society for Geotechnical Engineers <i>"Improved Soft Clays and Performance of Laterally Loaded Pile Systems"</i>		
11.00 - 11.30	Keynote Speaker Prof. Ir. Masyhur Irsyam, M.S.E., Ph.D., Institut Teknologi Bandung (ITB), Indonesia <i>"Ground Motion Sets for Seismic Evaluation and Retrofit of Existing Buildings in Large Cities in Central Java"</i>		
11.30 - 12.00	Keynote Speaker Prof. Dr. Ir. Sri Prabandiyani Retno Wardani, M.Sc., Universitas Diponegoro, Indonesia <i>"Properties of Clay Shale and Stiff Overconsolidated Clay and Associated with Landslides in Semarang and Surrounding Areas"</i>		
12.00 - 13.00	<b>Lunch</b>		
	Room 1	Room 2	Room 3
	Special Session (Invited)	Special Session (Invited)	Special Session (Invited)

REGISTRATION

13.00 - 14.00	Moderator: Agus Himawan, S.T., M.T.	Moderator: Prof. Nurly Gofar	Moderator: Ir. Andhika Sahadewa, S.T., M.S.E., Ph.D.
	Dr. Leong Kam Weng, B.Eng., Ph.D. (Co-Speaker: Dr. Yustian Heri Suprpto), Keller Foundation (S.E. Asia) Pte Ltd	Ir. Andi Kurnia Setiadi Kartawiria, S.T., M.T., Indonesian Society for Geotechnical Engineers (HATTI)	Dr. Adrin Tohari, M.Eng., National Research and Innovation Agency (BRIN)
	Dr. Idrus Muhammad, M.Sc., Indonesian Society for Geotechnical Engineers (HATTI)	Ir. Lutfi Faizal, Ministry of Public Works and Housing (PUPR)	Dr. T. M. Zaki, S.T., M.T., Universitas Trisakti, Jakarta, Indonesia
14.00 - 15.00	Room 1	Room 2	Room 3
	Conference Paper	Conference Paper	Conference Paper
	WLF5-32	WLF5-33	WLF5-34
15.00 - 15.30	WLF5-35	WLF5-36	WLF5-37
	<b>Tea Break</b>		
15.30 - 16.30	Room 1	Room 2	Room 3
	Conference Paper	Conference Paper	Conference Paper
	WLF5-38	WLF5-39	WLF5-40
16.30 - 16.45	WLF5-41	WLF5-42	WLF5-43
	<b>Closing</b>		